CASSETTE RECEIVER

KRC-457R/RL

SERVICE MANUAL

KENWOOD

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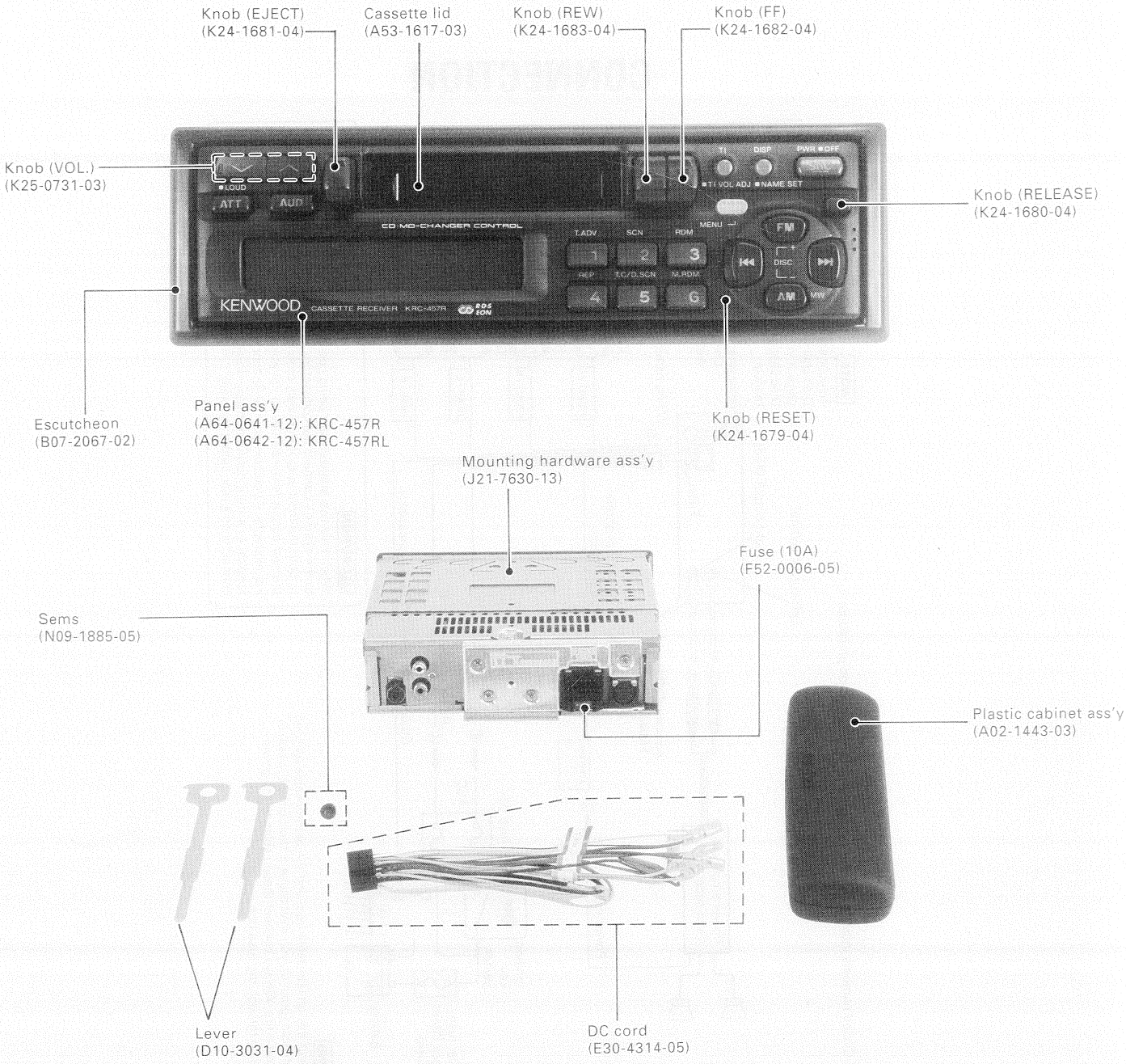
B51-6952-00 (MC) 2339

Photo is KRC-457R



The MECHANISM OPERATION DESCRIPTION is the same as model KRC-555R/RL. Please refer to the service manual for model KRC-555R/RL(B51-6698-00).

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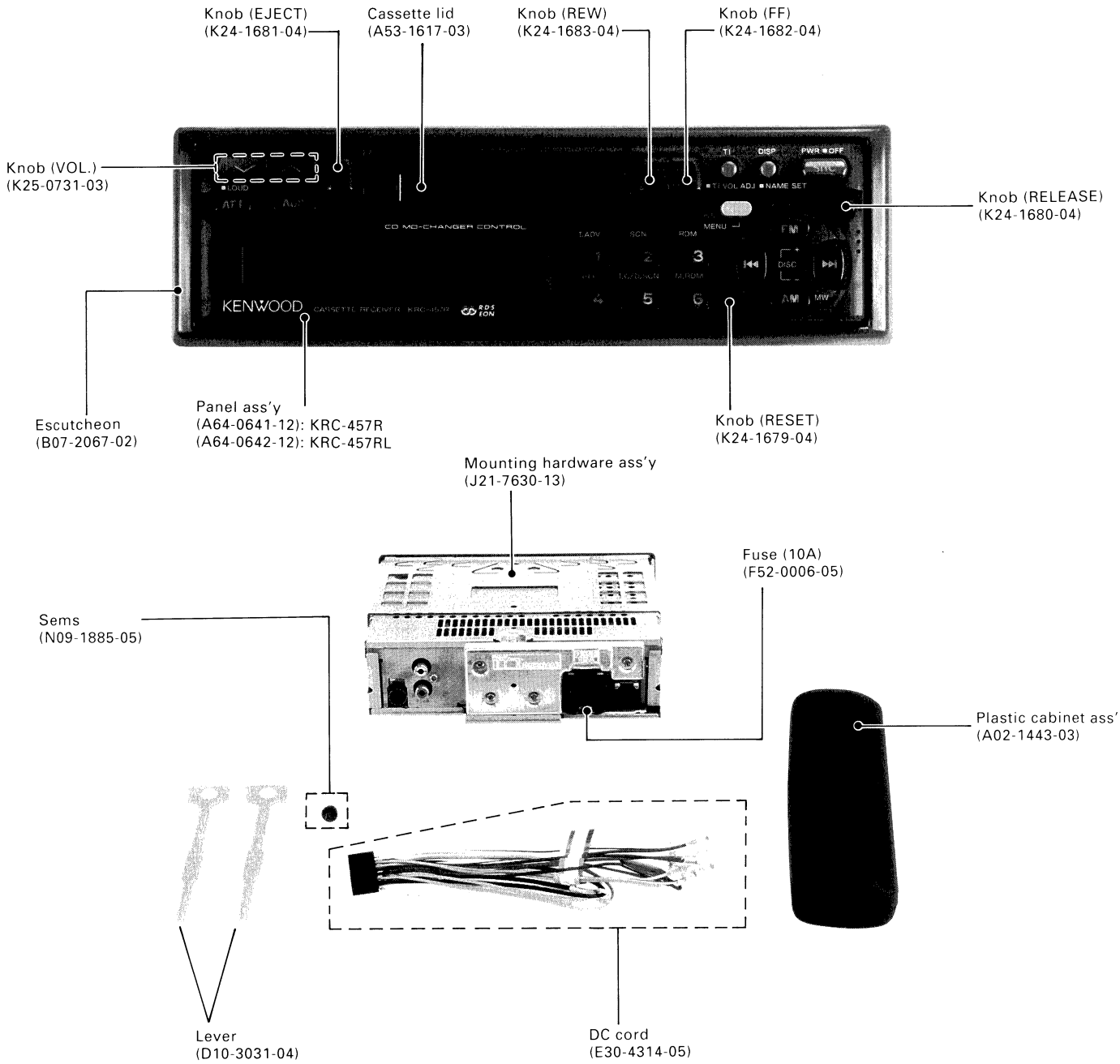

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KRC-457R/RL

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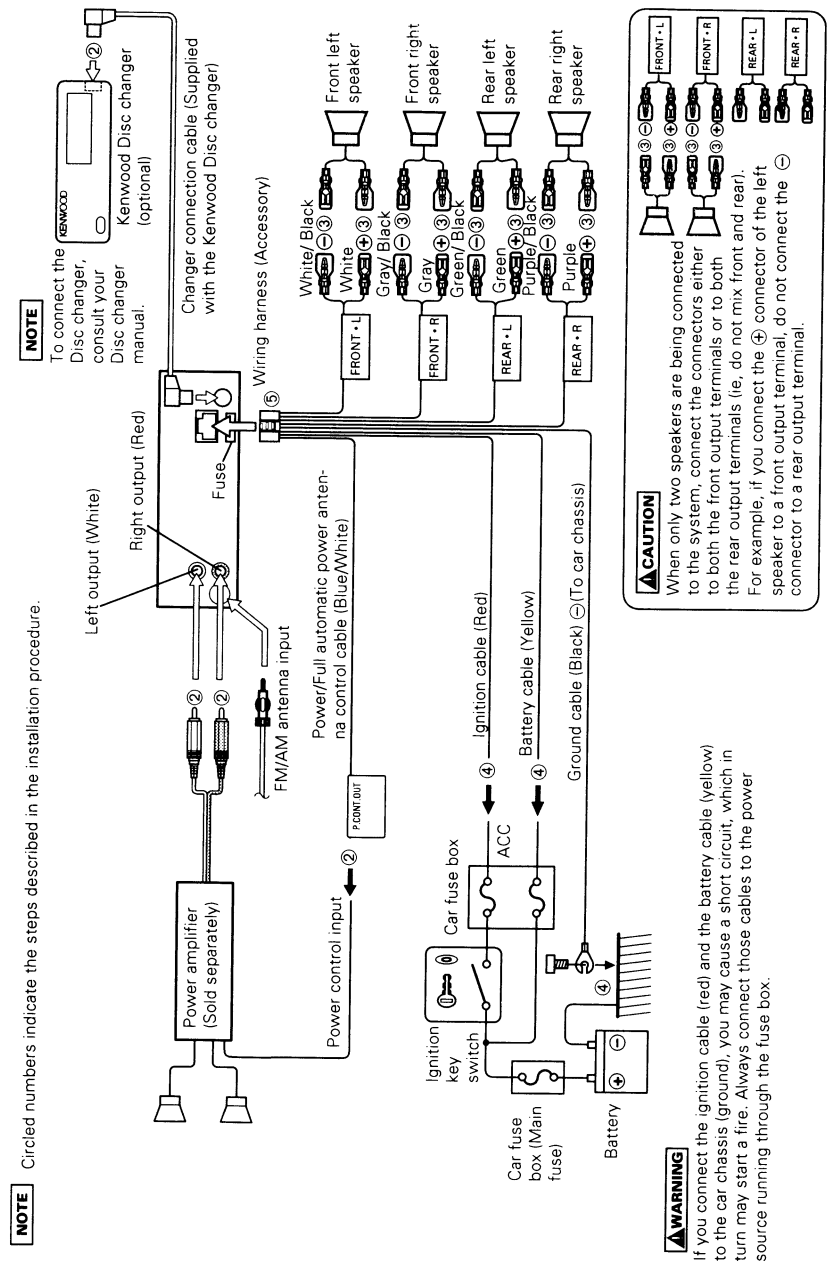
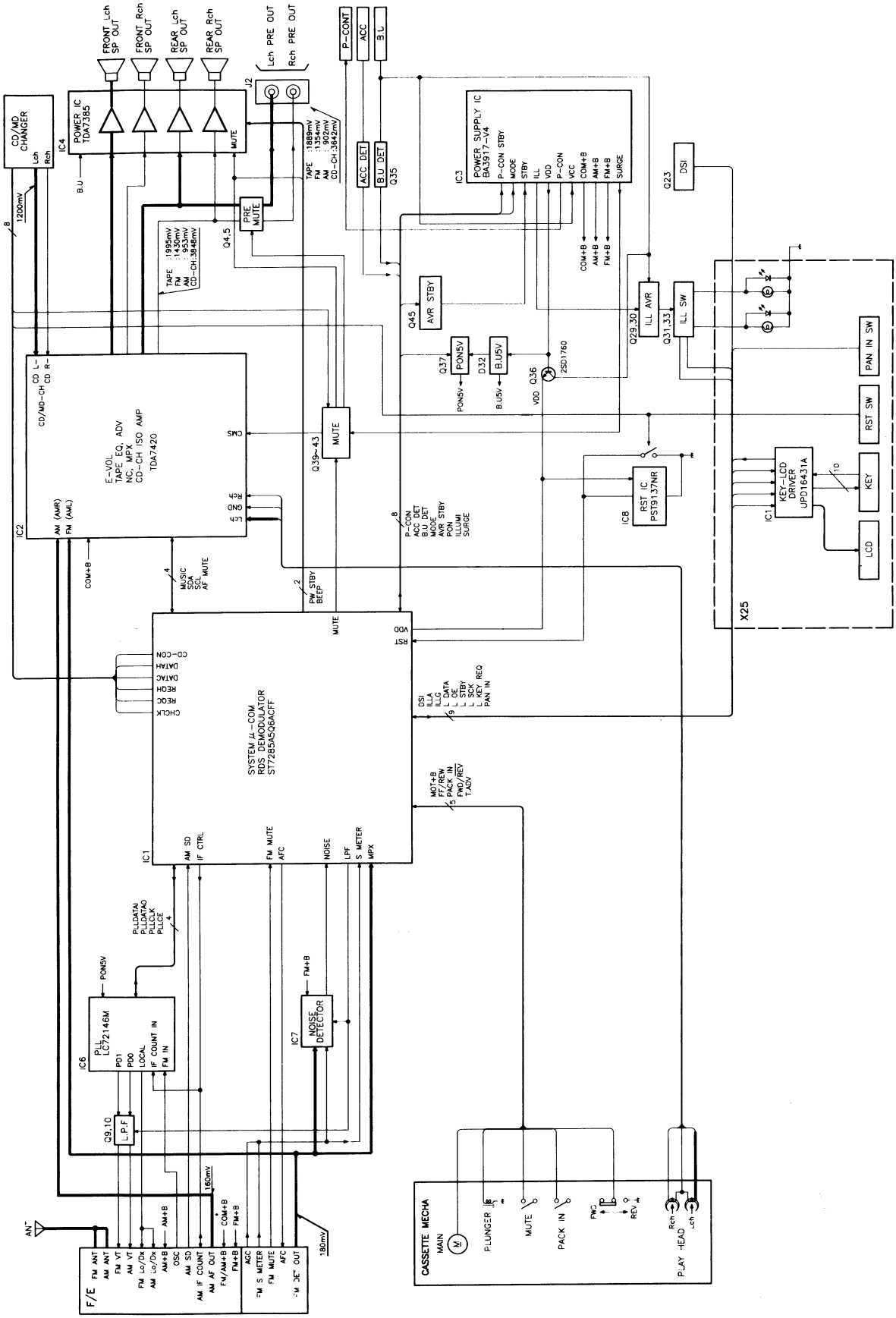
CONNECTION


NOTE
To connect the Disc changer, consult your Disc changer manual.
Kenwood Disc changer (optional)
Changer connection cable (Supplied with the Kenwood Disc changer)
Wiring harness (Accessory)
Front left speaker
Front right speaker
Rear left speaker
Rear right speaker
White/ Black
White
Gray/ Black
Gray
Green/ Black
Green
Purple/ Black
Purple
FRONT • L
FRONT • R
REAR • L
REAR • R
Fuse
Right output (Red)
Left output (White)
FM/AM antenna input
Power/Full automatic power antenna control cable (Blue/White)
P.CONT OUT
Power control input
Power amplifier (Sold separately)
Ignition cable (Red)
Battery cable (Yellow)
Ground cable (Black) ⊖(To car chassis)
Car fuse box
ACC
Ignition key switch
Car fuse box (Main fuse)
Battery
CAUTION
When only two speakers are being connected to the system, connect the connectors either to both the front output terminals or to both the rear output terminals (ie, do not mix front and rear).
For example, if you connect the ⊕ connector of the left speaker to a front output terminal, do not connect the ⊖ connector to a rear output terminal.
WARNING
If you connect the ignition cable (red) and the battery cable (yellow) to the car chassis (ground), you may cause a short circuit, which in turn may start a fire. Always connect those cables to the power source running through the fuse box.
NOTE
Circled numbers indicate the steps described in the installation procedure.

BLOCK DIAGRAM



CIRCUIT DESCRIPTION

Description of components

SYNTHESIZER UNIT (X14-5392-XX) 70:KRC-457R 71:KRC-457RL

Component	Component Name	Application/Functions	Operation/Condition/Compatibility
IC1	ST7285A5Q6ACFF	System control μ-COM	
IC2	TDA7420	Electronic volume IC	EQ amp, E vol, NC MPX, CH ISO, T.ADV, Bass
IC3	BA3917-V4	Power supply IC	
IC4	TDA7385	4ch Power amp	
IC5	TC4W66F	Analog SW	
IC6	LC72146M	PLL frequency synthesizer	
IC7	NJM4565M	RDS noise detection amp	
IC8	RST9137NR	Reset IC	
Q1	2SC2412K	CRSC SW	"ON" when multi pass noise is detected.
Q2	DTA124EK / UN2112	Muting SW	Turned on by μ-COM (Pin 57)
Q3	DTC124EK / UN2212	Muting SW	"ON" when Q2 or Q42 is turned on
Q4, 5	DTC143TK / UN2216	Muting SW	"ON" when Q41 is turned on
Q6	DTC114YK / UN2214	L.P.F SW	Control of IC5. Turned by μ-COM (Pin 52)
Q7	2SA1037K	Constant current driver	
Q9	2SK536	FM Vt, L.P.F	
Q10	2SK536	AM Vt, L.P.F	
Q11	DTC144EK / UN2213	FM Local seek SW	Turned on by IC6 (Pin 7)
Q12	2SA1037K	Muting SW	Controled by Q13
Q14	DTC124EK / UN2212		
Q13	DTC124EK / UN2212	Muting SW control	Turned on by μ-COM (Pin 40)
Q15	2SC2412K	FM Muting SW	Control of μ-COM (Pin 46)
Q16, 17	2SC2412K	Schmitt trigger circuit	
Q18	2SC2412K	FM comp buffer	
Q19	2SC2412K	Noise buffer	
Q20	DTC114TK / UN2215	PIAFC SW	Controled by Q21
Q21	DTA124EK / UN2112	PIAFC SW	Turned on by μ-COM (Pin 52)
Q22	2SA1037K	Panel 5V driver	"ON" when panel is attached
Q23	2SC2412K	DSI driver	Controled by μ-COM (Pin 28)
Q24	DTC144EK / UN2213	Reset SW	"ON" when Reset SW is pushed
Q25	DTC114YK / UN2214	Plunger SW	"ON" when Q46 is turned on
Q26	2SB1443	Plunger driver	"ON" when Q25 is turned on
Q27	DTC114YK / UN2214	Motor SW	Turned on by μ-COM (Pin 17)
Q28	2SB1443	Motor driver	"ON" when Q27 is turned on
Q29	2SC2412K	Illumination AVR	Turned on by Power supply IC (Pin 4)
Q30	2SB1184		
Q31	DTC114YK / UN2214	Illumination SW (Green)	Turned on by μ-COM (Pin 26)
Q32	2SB1443	Illumination driver (Green)	"ON" when Q31 is turned on
Q33	DTC114YK / UN2214	Illumination SW (Amber)	Turned on by μ-COM (Pin 27)
Q34	2SB1443	Illumination driver (Amber)	"ON" when Q33 is turned on
Q35	2SC2412K	Back-up detection	"ON" when back-up voltage is detected
Q36	2SD1760	Back-up 5V driver	Turned on by Power supply IC (Pin 5)
Q37	DTC144EK / UN2213	P.ON 5V SW	Turned on by μ-COM (Pin 75)
Q38	2SA1037K	P.ON 5V driver	"ON" when Q37 is turned on
Q39	DTC144EK / UN2213	Muting SW	Controled by CD-CH
Q40	DTC114YK / UN2214	Muting SW	"ON" when Q35 is turned off
Q41	DTA124EK / UN2112	Muting SW	Controled by Power supply IC (Pin 11) or Q49

CIRCUIT DESCRIPTION

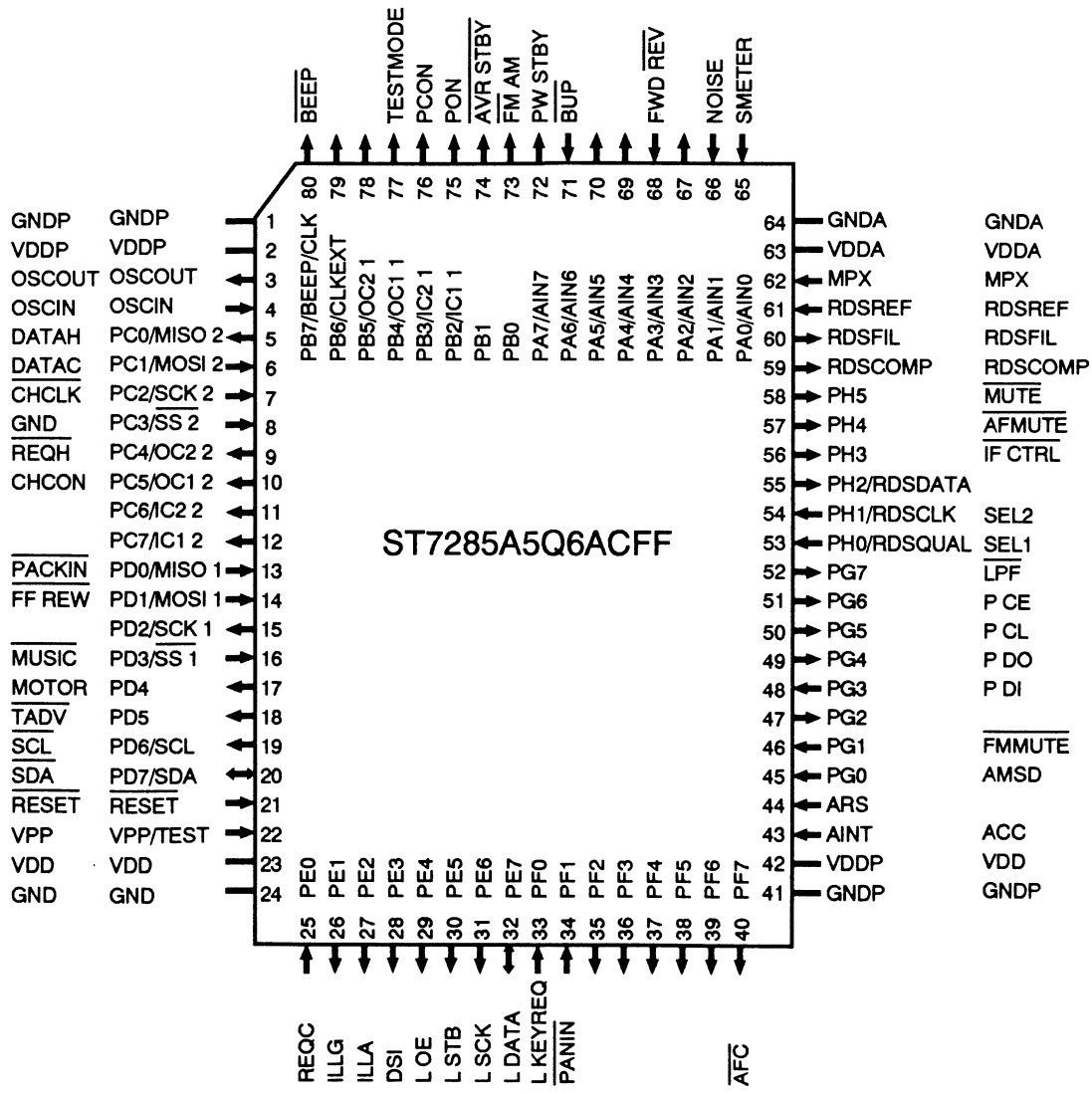
Component	Component Name	Application/Functions	Operation/Condition/Compatibility
Q42	DTA124EK / UN2112	Muting SW	Controled by μ-COM (Pin 58), Q39 or Q43
Q43	DTC144EK / UN2213	Muting SW	"ON" when Reset SW is pushed
Q44	2SC2412K	A.G.C buffer	
Q45	DTC114YK / UN2214	Power supply IC standby control	"ON" when power is "OFF"
Q46	DTA124EK / UN2112	Plunger SW	Turned on by μ-COM (Pin 18)
Q47	DTA124EK / UN2112	Beep SW	Controled by μ-COM (Pin 80)
Q48	DTA124EK / UN2112	Protection prohibition circuwc	
Q49	DTC144EK / UN2213		

SWITCH UNIT (X25-7512-70)

Component	Component Name	Application/Functions	Operation/Condition/Compatibility
IC1	UPD16431A	LCD Driver with Key input	

Microprocessor IC1 : ST7285A5Q6ACFF (X14-5392-XX)

Terminal connection



CIRCUIT DESCRIPTION

Microprocessor IC1 : ST7285A5Q6ACFF (X14-5392-XX)

Terminal description

Pin.No	Name	I/O	Function	Description	POWER OFF
1	GndP	-	GNDP	Output buffer GND	
2	VddP	-	VDDP	Output buffer power supply	
3	OSCOUT	O	OSCOUT	Oscillator output	
4	OSCIN	I	OSCIN	Oscillator input	
5	PC0/MISO 2	O	DATAH	5-wire communication data head unit	Last status held
6	PC1/MOSI 2	I	DATAC	5-wire communication data disc-ch	Hi-Z
7	PC2/SCK 2	I	$\overline{\text{CHCLK}}$	5-wire communication clock disc-ch	Hi-Z
8	PC3/$\overline{\text{SS 2}}$	I	GND	GND	Hi-Z
9	PC4/OC2 2	O	$\overline{\text{REQH}}$	5-wire communication request head unit	H
10	PC5/OC1 2	O	CHCON	Disc-ch control [ON:H , OFF:L]	L
11	PC6/IC2 2	O		Not used	L
12	PC7/IC1 2	O		Not used	L
13	PD0/MISO 1	I	$\overline{\text{PACKIN}}$	TAPE PACKIN [H:EJECT , L:PACK IN]	Hi-Z
14	PD1/MOSI 1	I	$\overline{\text{FF REW}}$	TAPE FF/REW [H:PLAY , L:FF/REW]	Hi-Z
15	PD2/SCK 1	O		Not used	L
16	PD3/$\overline{\text{SS 1}}$	I	$\overline{\text{MUSIC}}$	Tape music [H:Music not detected , L:Music detected]	Hi-Z
17	PD4	O	MOTOR	Tape main motor [ON:H , OFF:L]	L
18	PD5	O	$\overline{\text{TADV}}$	Tape advance [Plunger OFF:H , ON:L]	H
19	PD6/SCL	O	$\overline{\text{SCL}}$	I2C BUS CLOCK	OPEN
20	PD7/SDA	I/O	$\overline{\text{SDA}}$	I2C BUS DATA	OPEN
21	$\overline{\text{RESET}}$	I	$\overline{\text{RESET}}$	Hardware reset [Active "L"]	
22	VPP/TEST	I	VPP	μ-COM test mode (Fixed at "L" level in normal operation)	
23	Vdd	-	VDD	Full logic circuit power supply	
24	Gnd	-	GND	Full logic circuit GND	
25	PE0	I	REQC	5-wire communication request disc-ch	Hi-Z
26	PE1	O	ILLG	ILLUM GREEN [ON:H , OFF:L]	L
27	PE2	O	ILLA	ILLUM AMBER [ON:H , OFF: L]	L
28	PE3	O	DSI	DSI [ON:H , OFF:L]	
29	PE4	O	L OE	LCD driver all-segment enable [Segment ON:H , OFF:L]	Panel attached:L
30	PE5	O	L STB	LCD driver strobe	L
31	PE6	O	L SCK	LCD driver clock	L
32	PE7	I/O	L DATA	LCD ddriver data	Panel attached:H Panel detached:L
33	PF0	I	L KEYREQ	LCD driver key request	Hi-Z
34	PF1	I	$\overline{\text{PANIN}}$	Panel atached [Panel attached:H , detached:L]	Hi-Z
35 - 39	PF2 - 6	O		Not used	L
40	PF7	O	$\overline{\text{AFC}}$	TUNER FM AFC [Normal receive:H , Search:L]	L
41	GndP	-	GNDP	Output buffer GND	
42	VddP	-	VDDP	Output buffer power supply	
43	AINT	I	ACC	ACC [1.27V (TH)]	
44	ARS	I		OPEN (Pull-up built in) [3.0V (TH)]	
45	PG0	I	AMSD	TUNER AM SD [Music not detect:H , detect:L]	Hi-Z
46	PG1	I	$\overline{\text{FMMUTE}}$	TUNER FM band muting [Music not detect:H , detect:L]	Hi-Z
47	PG2	O		Not used	L
48	PG3	I	P DI	PLL IC data input	Hi-Z

CIRCUIT DESCRIPTION

Pin.No	Name	I/O	Function	Description	POWER OFF
49	PG4	O	P DO	PLL IC data output	L
50	PG5	O	P CL	PLL IC clock	L
51	PG6	O	P CE	PLL IC chip enable	L
52	PG7	O	$\overline{\text{LPF}}$	TUNER FM LPF [Normal receive:H , Search:L]	L
53	PH0/RDSQUAL	I	SEL1	[H:KRC-457R/RL , L:KRC-257R/RL]	Hi-Z
54	PH1/RDSCLK	I	SEL2	[H:R type , L:RL type]	Hi-Z
55	PH2/RDSDATA	O		Not used	L
56	PH3	O	$\overline{\text{IF CTRL}}$	Tuner AM IF control [Non operating:OPEN , IF counting:L]	OPEN
57	PH4	O	$\overline{\text{AFMUTE}}$	Tuner FM AF high-speed muting [OFF:OPEN , ON:L]	OPEN
58	PH5	O	$\overline{\text{MUTE}}$	MUTE [OFF:OPEN , ON:L]	OPEN (15 sec later)
59	RDSCOMP	O	RDSCOMP	RDS comparator output	
60	RDSFIL	O	RDSFIL	RDS filter output	
61	RDSREF	I	RDSREF	RDS reference input	
62	MPX	I	MPX	RDS input signal	
63	VddA	-	VDDA	Analog circuitry power supply	
64	GndA	-	GNDA	Analog circuitry GND	
65	PA0/AIN0	I	SMETER	Tuner FM S-meter	Hi-Z
66	PA1/AIN1	I	NOISE	Tuner FM noise	Hi-Z
67	PA2/AIN2	O		Not used	L
68	PA3/AIN3	I	FWD $\overline{\text{REV}}$	Tape play orientation [H:FWD , L:REV]	Hi-Z
69 , 70	PA4 - 5/AIN4 - 5	O		Not used	L
71	PA6/AIN6	I	$\overline{\text{BUP}}$	Back up [H:OFF , L:ON]	Hi-Z
72	PA7/AIN7	O	PW STBY	Power IC standby [ON:H , OFF:L]	L
73	PB0	O	$\overline{\text{FM}}$ AM	Tuner FM/AM select [AM+B output:H , FM+B output:L]	L
74	PB1	O	$\overline{\text{AVR STBY}}$	AVR standby [PWR OFF:H , ON:L]	L
75	PB2/IC1 1	O	PON	Power on 5V [ON:H , OFF:L]	L
76	PB3/IC2 1	O	PCON	Power control [ON:H , OFF:L]	L
77	PB4/OC1 1	O	TESTMODE	Test mode on [In test mode:H , Normal operation:L]	L
78	PB5/OC2 1	O		Not used	L
79	PB6/CLKEXT	O		Not used	L
80	PB7/BEEP/CLK	O	$\overline{\text{BEEP}}$	BEEP	L

KRC-457R/RL

ADJUSTMENT

Set the controls and switches as follows.

BALANCE	:center position	LOUD	:OFF
FADER	:center position	LOCAL	:OFF
BASS	:center position	AUTO	:OFF
TREBLE	:center position		

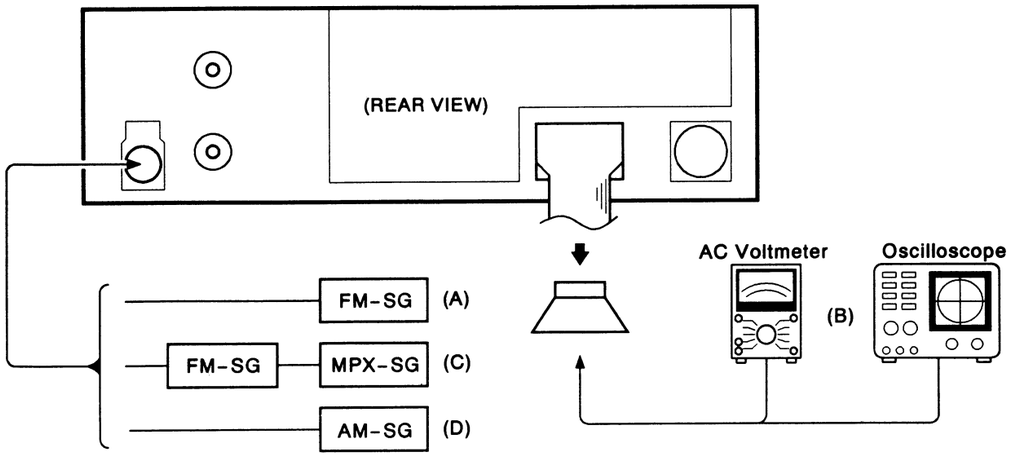
No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER)	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRI-MINATOR	(A) 98.1MHz 0dev 60dBμ (ANT input)	Connect a DC voltmeter to Discri TP	FM 98.1MHz	Discril T	0V	(a)
2	ANRC (STOP LEVEL)	(C) 98.1MHz 1kHz, ±40kHz dev Pilot: ±6.0kHz dev Selector:L or R 35dBμ (ANT input)	(B)	FM 98.1MHz	VR1	Separation 10dB	
AM SECTION							
(1)	STOP LEVEL	(D) 990 kHz 400Hz,30% mod 35dBμ (ANT input)	–	AM 990 kHz	AM SD VR (F/E)	STOP	
CASSETTE DECK SECTION							
[1]	AZIMUTH	MTT-114 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each L ch / R ch or FWD /RVS becomes maximum	

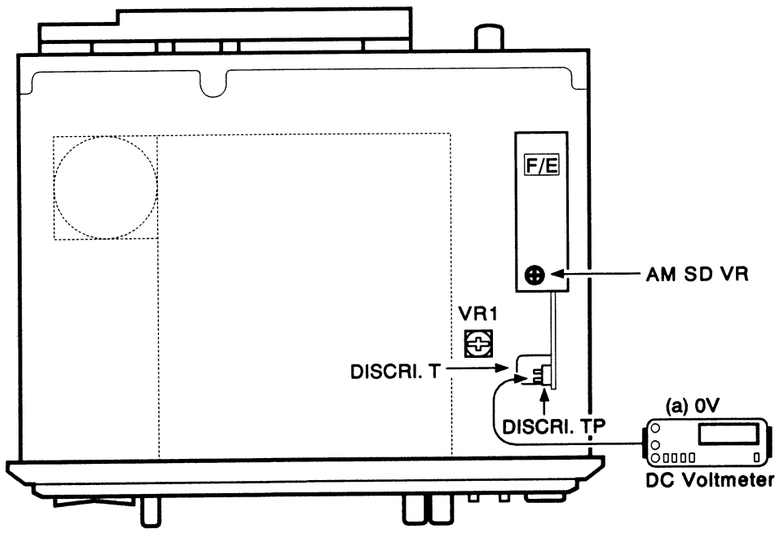
Die Regler und Knöpfe wire folgt einstellen.

BALANCE	:Mittelage	LOUD	:OFF
BASS	:Mittelage	LOCAL	:OFF
FADER	:Mittelage	AUTO	:OFF
TREBLE	:Mittelage		

NR	GEGENSTAND	EINGANGS EINSTELLUNG	AUSGANGS EINSTELLUNG	TUNER (RECEIVER) EINSTELLUNG	ABGLEICH PUNKTE	ABGLEICHEN FUR	ABB.
UKW-ABTEILUNG							
1	DISKRI-MINATOR	(A) 98.1MHz 0 Hub 60dBμ (ANT-Eingang)	Den Gieichstrom Voltmeter Diskri TP anschlieβen	FM 98.1MHz	Diskri T	0V	(a)
2	ANRC (SUCHEN HALT PEGEL)	(C) 98.1MHz 1kHZ, ±40kHz Hub Pilot: ±6.0kHz Hub Wahler : L or R 35dBμ (ANT-Eingang)	(B)	FM 98.1MHz	VR1	Trennung 10dB	
MW-ABTEILUNG							
(1)	SUCHEN HALT PEGEL	(D) 990kHz 400Hz 30% mod 35dBμ (ANT-Eingang)	–	MW 990kHz	AM SD VR (F/E)	HALT	
CASSETTEN-DECK-ABTEILUNG							
[1]	AZIMUTH	MTT-114 10kHz	(B)	Bandwiedergabe	Kopfazimuts-chraube	So einstellen, daβ das Azimuth für jeweils L-CH/R-CH oder FWD/RVS maximal wird.	

ADJUSTMENT



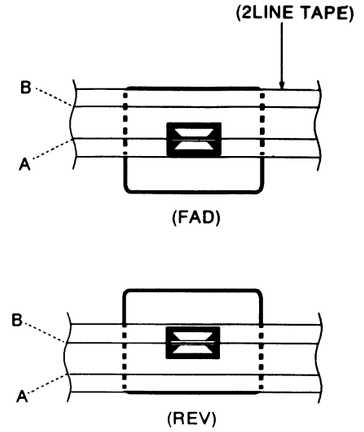


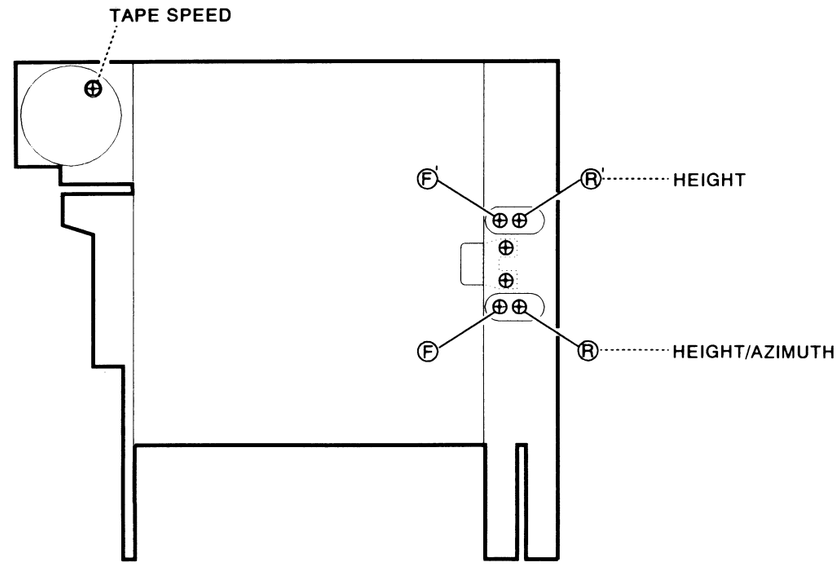
ADJUSTMENT

Head Angle Adjustment

Head height alignment procedure

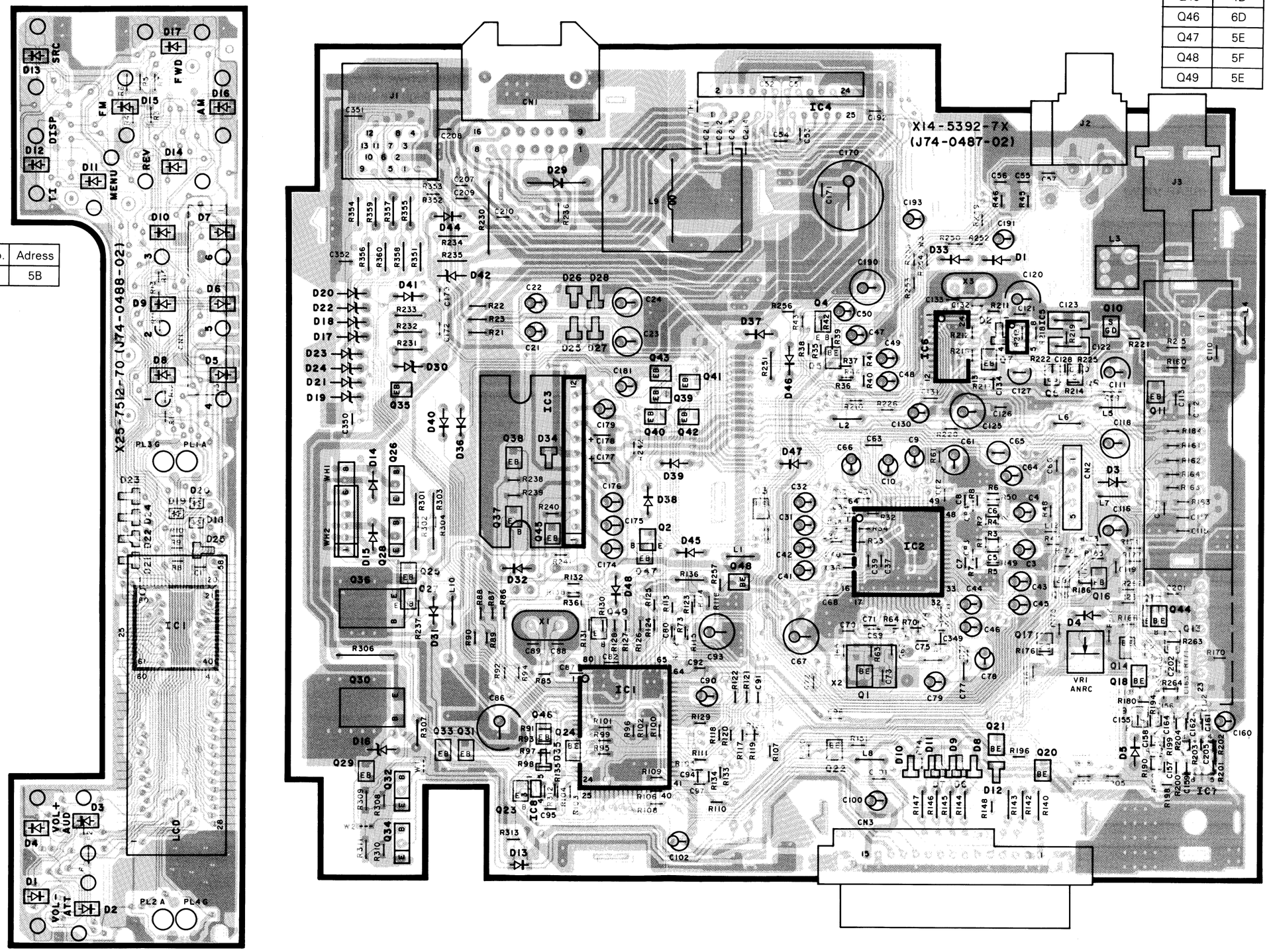
- During FWD transport, adjust screws Ⓕ and Ⓕ' so that line A of 2-line tape passes through the center of the head shield plate (white section).
- During REV transport, adjust screws Ⓡ and Ⓡ' so that line B of 2-line tape passes through the center of the head shield plate (white section).
- After the alignment above, reverse the transport direction and check the FWD alignment again. If it is deviated, perform alignment again. (Tape used: SCC-1659, manufactured by A-BEX).





PC BOARD (Component side view)

Ref No.	Adress
IC1	5B



Ref No.	Adress
Q43	3E
Q44	5H
Q45	4D
Q46	6D
Q47	5E
Q48	5F
Q49	5E

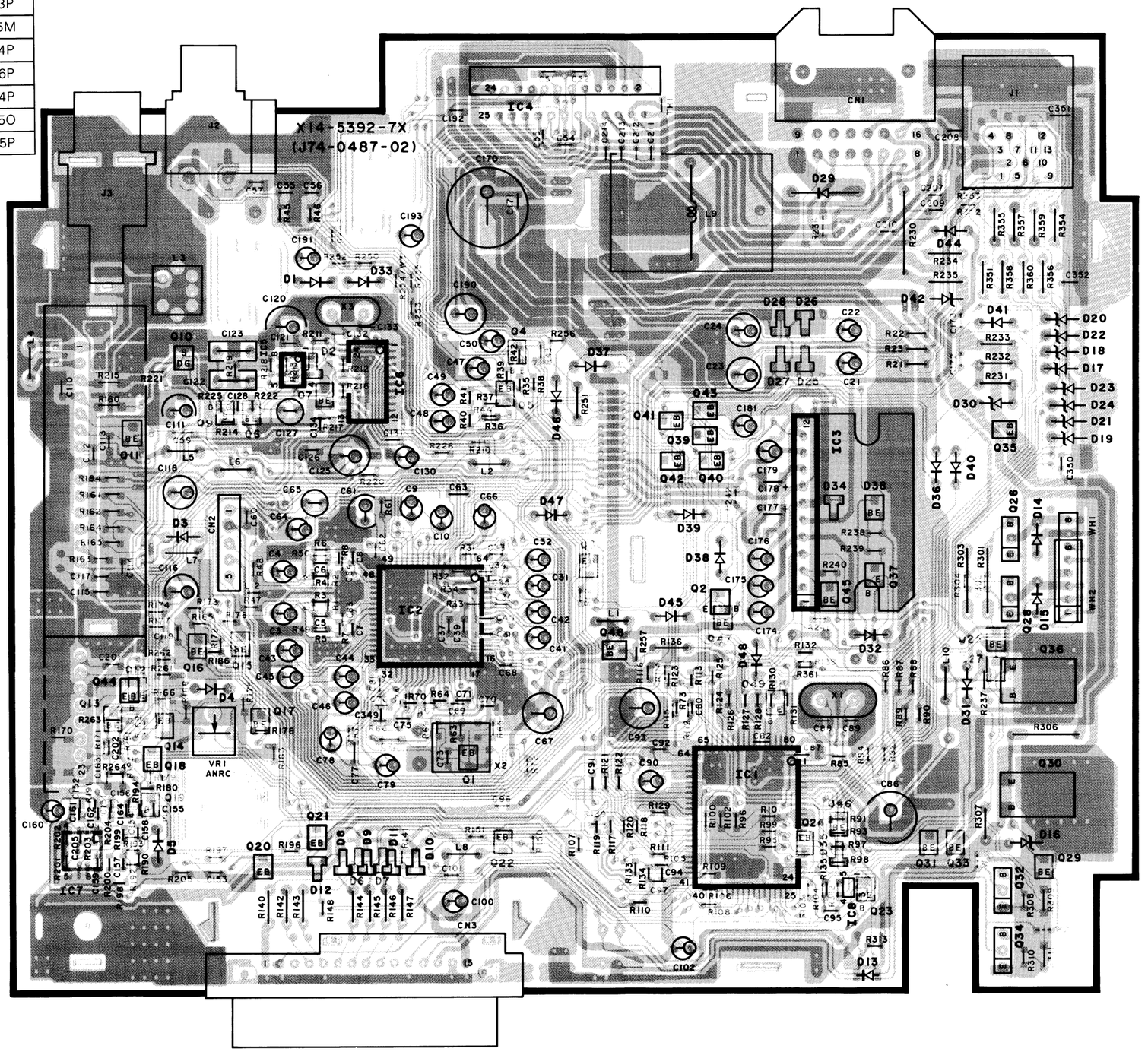
Ref No.	Adress
IC1	6E
IC2	4G
IC3	4E
IC4	2F
IC5	3G
IC6	3G
IC7	6H
IC8	6D
Q1	5F
Q2	4E
Q3	4F
Q4	3F
Q5	3F
Q6	3H
Q7	3G
Q9	3H
Q10	3H
Q11	4H
Q12	5H
Q13	5H
Q14	5H
Q15	5H
Q16	5H
Q17	5G
Q18	5H
Q19	6H
Q20	6G
Q21	6G
Q22	6F
Q23	6D
Q24	6E
Q25	5D
Q26	4D
Q27	5C
Q28	4D
Q29	6C
Q30	5C
Q31	6D
Q32	6D
Q33	6D
Q34	6D
Q35	3D
Q36	5C
Q37	4D
Q38	4D
Q39	3E
Q40	4E
Q41	3E
Q42	4E

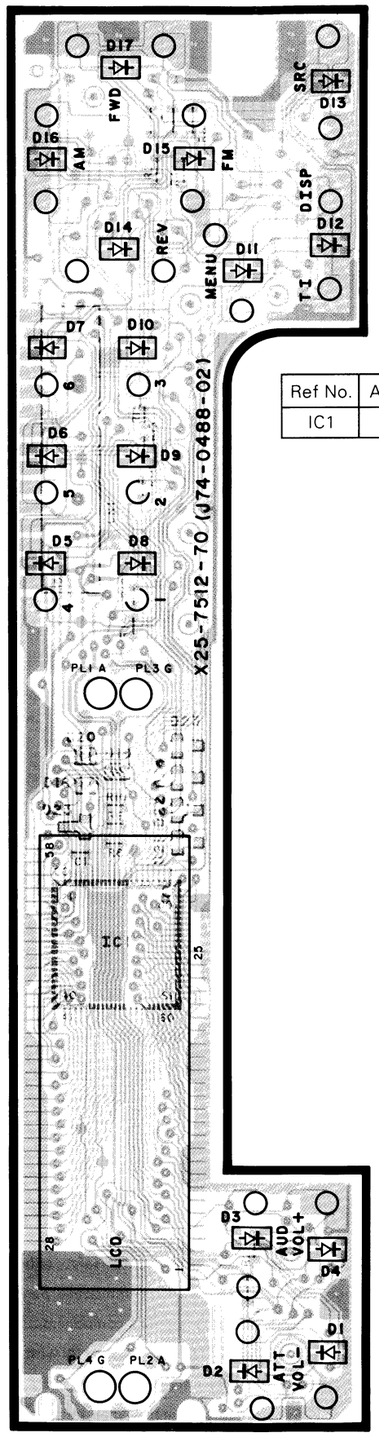
Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (Foil side view)

Ref No.	Adress
IC1	5P
IC2	4N
IC3	4P
IC4	1O
IC5	3M
IC6	3N
IC7	6L
IC8	6P
Q1	5N
Q2	4P
Q3	4O
Q4	3O
Q5	3O
Q6	3M
Q7	3N
Q9	3M
Q10	3M
Q11	3M
Q12	5M
Q13	5L
Q14	5M
Q15	5M
Q16	5M
Q17	5M
Q18	5M
Q19	5M
Q20	6M
Q21	6N
Q22	6N
Q23	6P
Q24	6P
Q25	5Q
Q26	4Q
Q27	5Q
Q28	4Q
Q29	6Q
Q30	5Q
Q31	6Q
Q32	6Q
Q33	6Q
Q34	6Q
Q35	3Q
Q36	5Q
Q37	4P
Q38	4P
Q39	3P
Q40	4P
Q41	3O
Q42	4O

Ref No.	Adress
Q43	3P
Q44	5M
Q45	4P
Q46	6P
Q47	4P
Q48	5O
Q49	5P



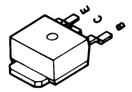


Ref No.	Adress
IC1	5R

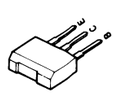
Refer to the schematic diagram for the values of resistors and capacitors.

DTA124EK
DTC114TK
DTC114YK
DTC124EK
DTC143TK
DTC144EK
2SA1037K
2SC2412K

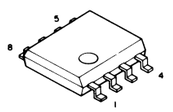
2SB1184



NJM4565M



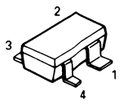
2SB1443



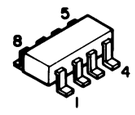
DA204K

2SK536

DA227



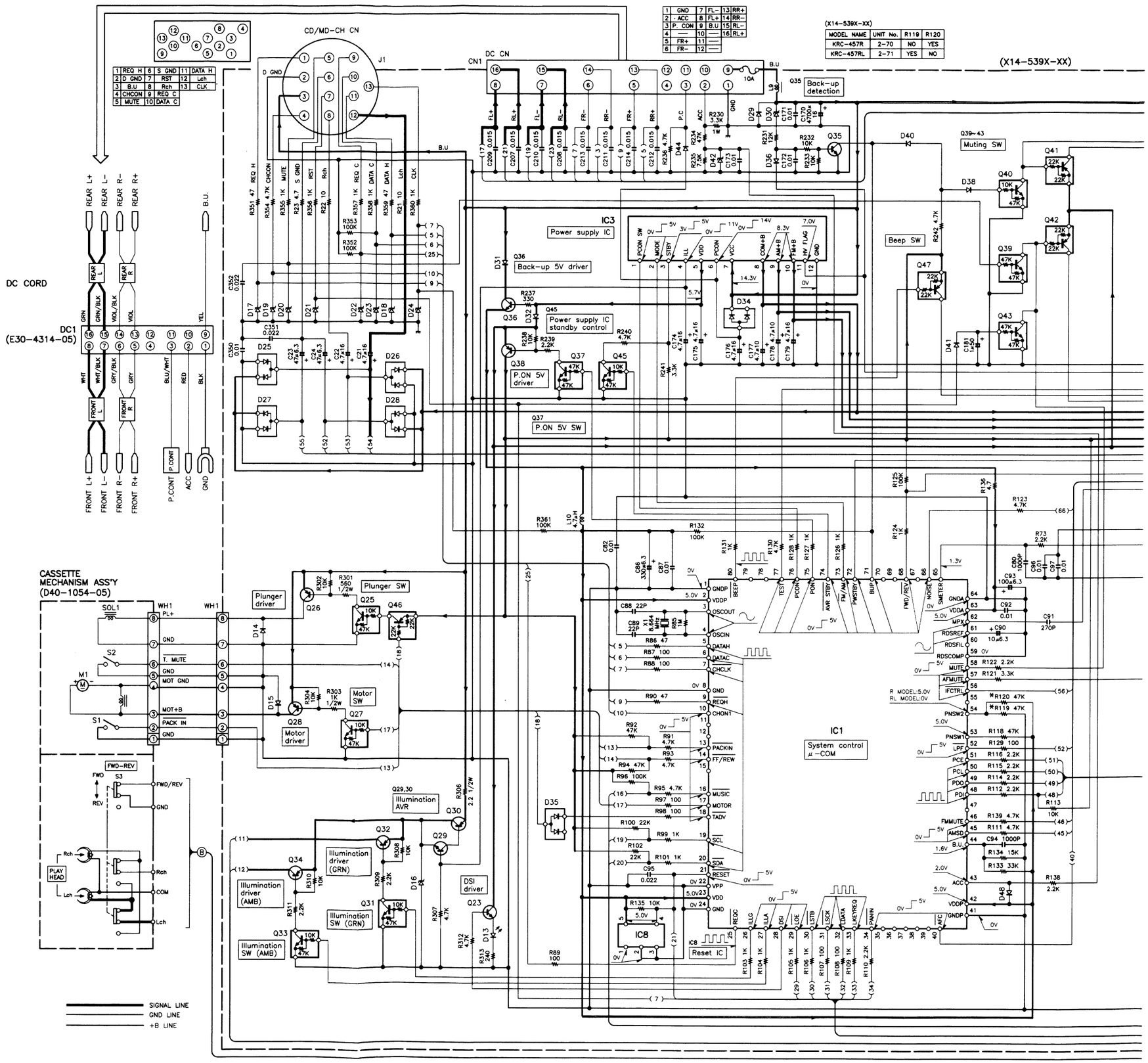
TC4W66F

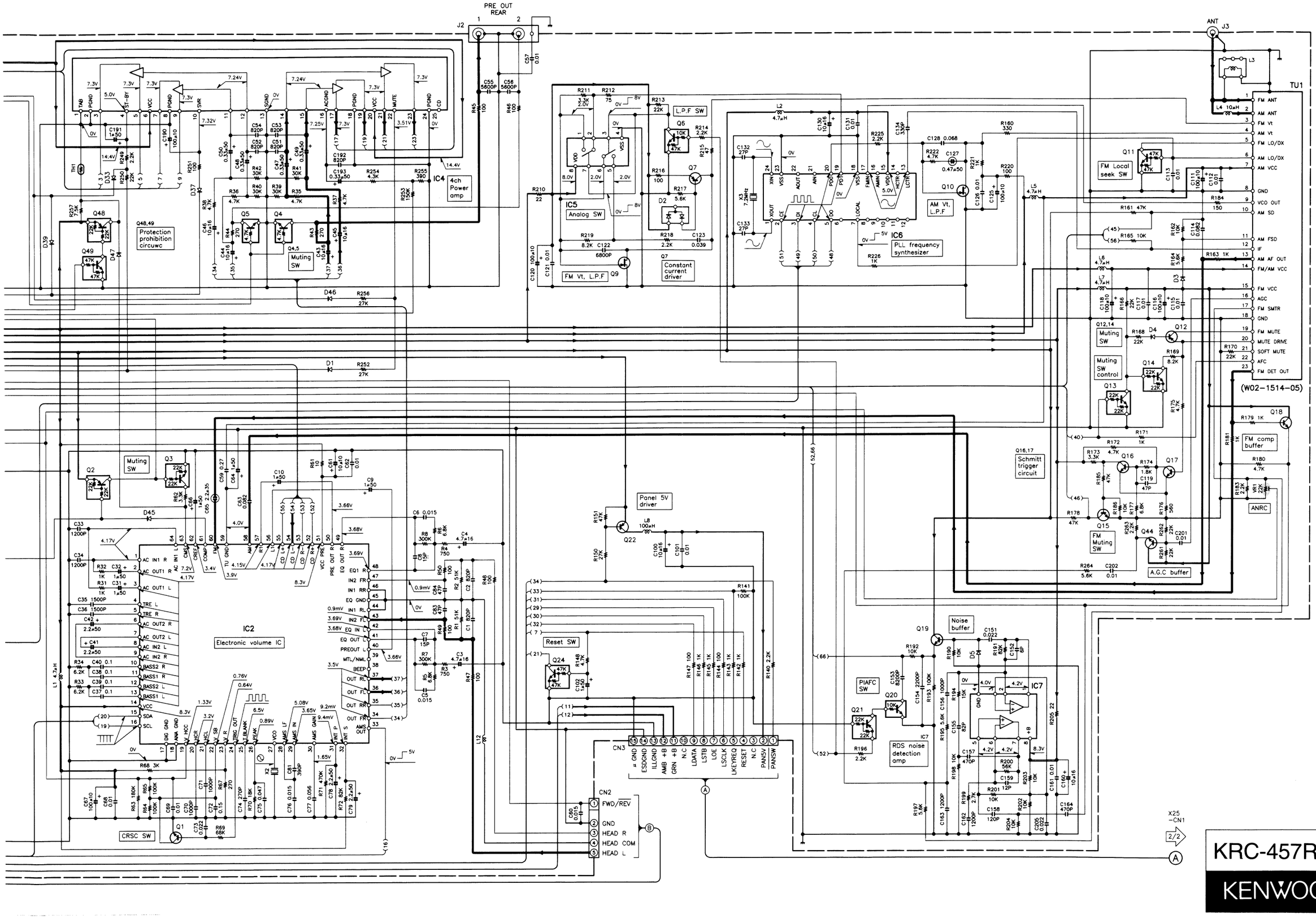


IC1	:	ST7285A5Q6ACFF
IC2	:	TDA7420
IC3	:	BA3917-V4
IC4	:	TDA7385
IC5	:	TC4W66F
IC6	:	LC72146M
IC7	:	NJM4565M
IC8	:	PST9137NR
Q1,15~19,23,29,35,44	:	2SC2412K
Q2,21,41,42,46~48	:	DTA124EK
Q3,13,14	:	DTC124EK
Q4,5	:	DTC143TK
Q6,25,27,31,33,40,45	:	DTC114YK
Q7,12,22,38	:	2SA1037K
Q9,10	:	2SK536
Q11,24,37,39,43,49	:	DTC144EK
Q20	:	DTC114TK
Q26,28,32,34	:	2SB1443
Q30	:	2SB1184
Q36	:	2SD1760
D1,3~5,32,33,36~41,45~48	:	1SS133
D2,25~28	:	DA204K
D13	:	B30-1449-05
D14,15,31,44	:	AM01Z
D16	:	UZ-12BS(B)
D17~24	:	UZ-6.2BS(B)
D29	:	RM10ZLF
D30	:	UZL-7(L3)
D34,35	:	DAP202K
D42	:	UZ-5.1BS(B)

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

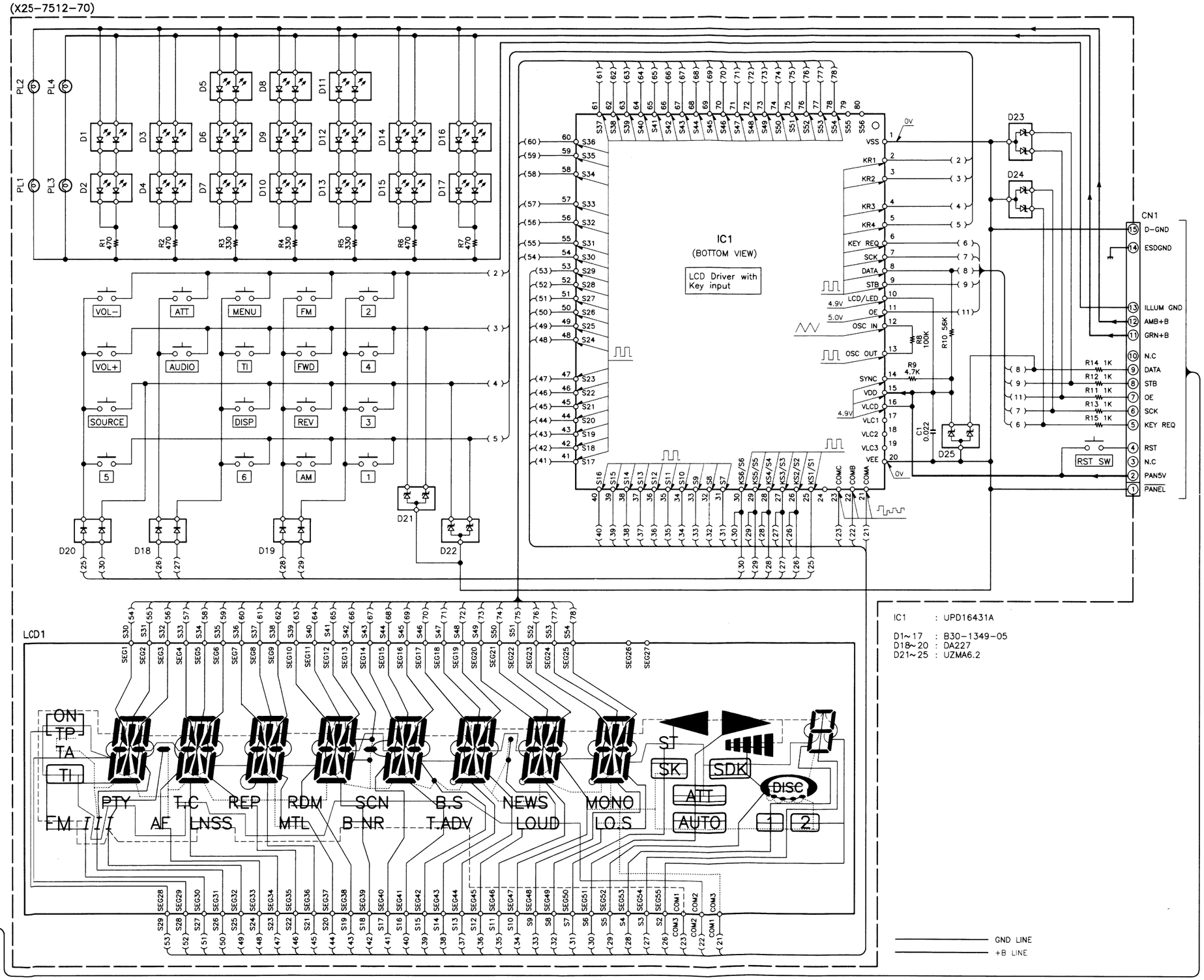




KRC-457R/RL

KENWOOD

(X25-7512-70)

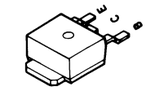

PL1 PL2 PL3 PL4
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17
R1 470 R2 470 R3 330 R4 330 R5 330 R6 470 R7 470
VOL- ATT MENU FM 2
VOL+ AUDIO TI FWD 4
SOURCE DISP REV 3
5 6 AM 1
D20 D18 D19 D21 D22
IC1
(BOTTOM VIEW)
LCD Driver with Key input
VSS KR1 KR2 KR3 KR4 KEY REQ SCK DATA STB LCD/LED OE OSC IN OSC OUT SYNC VDD VLC1 VLC2 VLC3 VEE
4.9V 5.0V 0V
R8 100K R9 4.7K R10 56K C1 0.022
D23 D24 D25
CN1
D-GND ESDGND ILLUM GND AMB+B GRN+B N.C DATA STB OE SCK KEY REQ RST N.C PAN5V PANEL
R14 1K R12 1K R11 1K R13 1K R15 1K
RST SW
LCD1
ON TP TA TI
PTY T.C REP RDM SCN B.S NEWS MONO
FM III AF LNSS MTL B.NR T.ADV LOUD LO.S
ST SK SDK ATT AUTO DISC 1 2
X14 -CN3 1/2 A
GND LINE
+B LINE

IC1 : UPD16431A

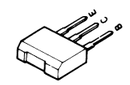
D1~17 : B30-1349-05
D18~20 : DA227
D21~25 : UZMA6.2

DTA124EK
DTC114TK
DTC114YK
DTC124EK
DTC143TK
DTC144EK
2SA1037K
2SC2412K

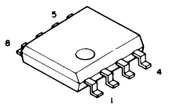
2SB1184



NJM4565M



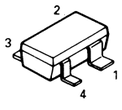
2SB1443



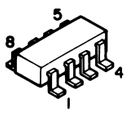
DA204K

2SK536

DA227



TC4W66F

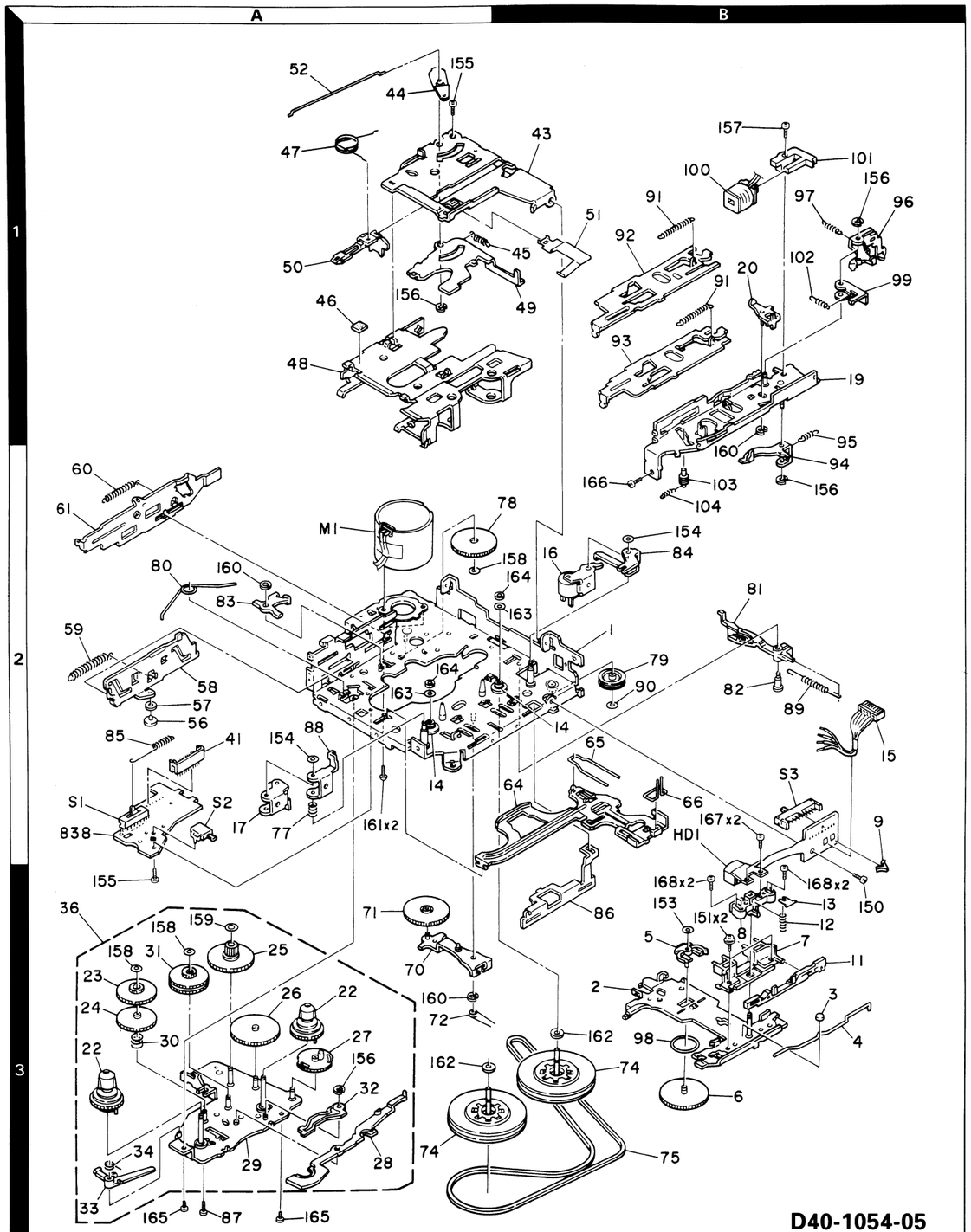


DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

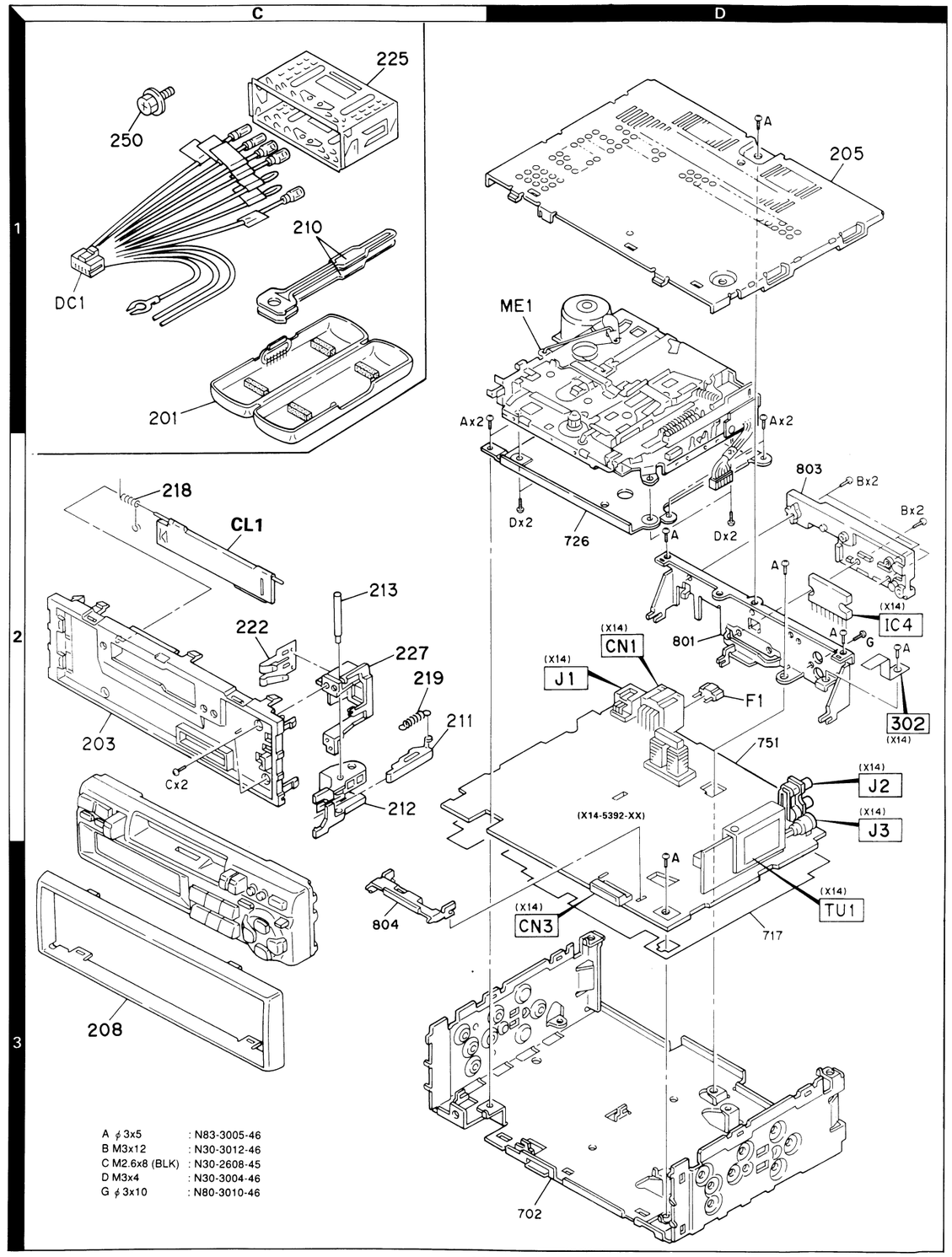
CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

KRC-457R/RL
KENWOOD

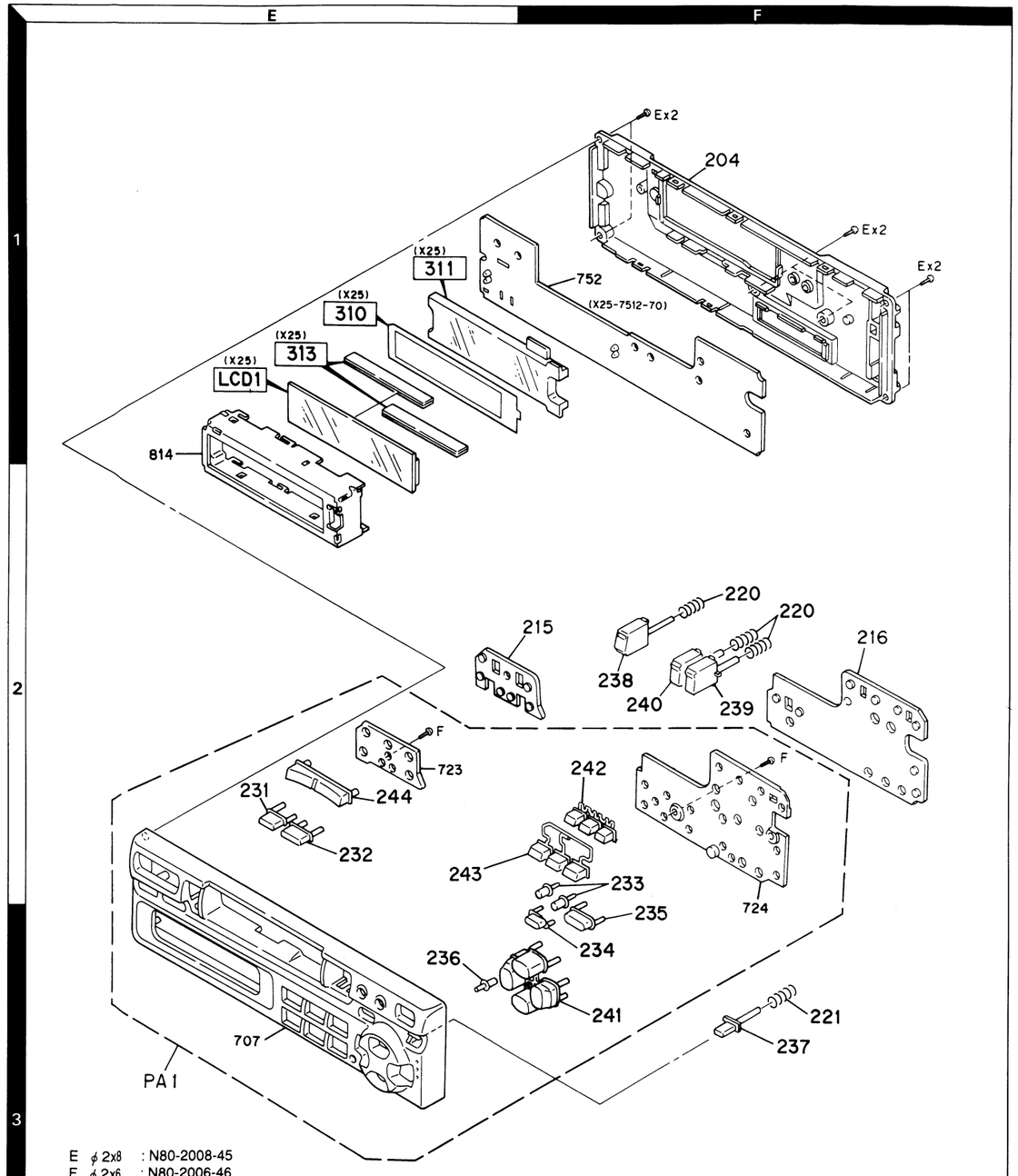
EXPLODED VIEW (MECHANISM)



EXPLODED VIEW (UNIT)



EXPLODED VIEW (PANEL)



E ϕ2x8 : N80-2008-45
F ϕ2x6 : N80-2006-46

Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

× New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向
KRC-457R/RL					
201	1C		A02-1443-03	PLASTIC CABINET ASSY	
203	2C		A22-1261-01	SUB PANEL	
204	1F		A46-1245-11	REAR COVER	
205	1D		A52-0691-02	TOP PLATE	
CL1	2C		A53-1617-03	CASSETTE LID	
PA1	3E	×	A64-0641-12	PANEL ASSY (KRC-457R)	R
PA1	3E	×	A64-0642-12	PANEL ASSY (KRC-457RL)	RL
208	3C		B07-2067-02	ESCUTCHEON	
-			B46-0100-40	WARRANTY CARD	
-			B46-0182-14	ID CARD (KRC-457R)	R
-			B46-0606-04	ID CARD (KRC-457RL)	RL
-			B58-1223-04	CAUTION CARD(CH,4LANGUAGE)	
-			B58-1225-04	CAUTION CARD(CH,2LANGUAGE)	RL
-		×	B64-0686-00	INST.MANUAL(FRE)	RL
-		×	B64-0687-00	INST.MANUAL(GER,ITA)	
-		×	B64-0688-00	INST.MANUAL(SPA,POR)	R
-		×	B64-0689-00	INST.MANUAL(ENG,DUT)	RL
210	1C		D10-3031-04	LEVER	
211	2C		D10-3037-03	LEVER	
212	2C		D10-3038-03	LEVER	
213	2C		D21-2142-04	SHAFT	
ME1	1D		D40-1054-05	CASSETTE MECHANISM ASSY	
215	2F		E29-1487-04	CONDUCTIVE RUBBER	
216	2F		E29-1489-03	CONDUCTIVE RUBBER	
⚠ DC1	1C		E30-4314-05	DC CORD	
⚠ F1	2D		F52-0006-05	FUSE(MINI BLADE TYPE)(10A)	
218	2C		G01-2525-04	TORSION COIL SPRING	
219	2C		G01-2710-04	EXTENSION SPRING	
220	2F		G01-2737-04	COMPRESSION SPRING	
221	3F		G01-2738-04	COMPRESSION SPRING	
222	2C		G02-1191-03	FLAT SPRING	
-			H10-4521-12	POLYSTYRENE FOAMED FIXTURE	
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	R
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-			H25-1111-04	PROTECTION BAG (280X450X0.03)	RL
-		×	H54-0522-04	ITEM CARTON CASE (KRC-457R)	R
-		×	H54-0523-04	ITEM CARTON CASE (KRC-457RL)	RL
-		×	H64-0557-04	OUTER CARTON CASE (KRC-457R)	R
-		×	H64-0558-04	OUTER CARTON CASE (KRC-457RL)	RL
225	1C		J21-7630-13	MOUNTING HARDWARE ASSY	
227	2C	×	J21-7651-13	MOUNTING HARDWARE	
231	2E		K24-1671-04	KNOB (ATT)	
232	3E		K24-1672-04	KNOB (AUD)	
233	3F		K24-1673-04	KNOB (DISP,TI)	
234	3F		K24-1674-04	KNOB (MENU)	
235	3F		K24-1678-04	KNOB (SRC)	
236	3E		K24-1679-04	KNOB (RESET)	
237	3F		K24-1680-04	KNOB (RELEASE)	
238	2F		K24-1681-04	KNOB (EJECT)	
239	2F		K24-1682-04	KNOB (FF)	
240	2F		K24-1683-04	KNOB (REW)	
241	3F		K25-0728-03	KNOB (FM/AM)	
242	3F		K25-0729-03	KNOB (1,2,3)	
243	3F		K25-0730-03	KNOB (4,5,6)	
244	2E		K25-0731-03	KNOB (VOL.UP/DOWN)	
250	1C		N09-1885-05	SEMS (MACHINE SCREW)	
A	1D		N83-3005-46	PAN HEAD TAPTITE SCREW	
C	2C		N30-2608-45	PAN HEAD MACHINE SCREW	
D	2D		N30-3004-46	PAN HEAD MACHINE SCREW	
E	1F		N80-2008-45	PAN HEAD TAPTITE SCREW	
F	2F		N80-2006-46	PAN HEAD TAPTITE SCREW	
SYNTHESIZER UNIT (X14-5392-70 : 457R, 5392-71 : 457RL)					
D13			B30-1449-05	LED	
C1 ,2			CK73FB1H821K	CHIP C 820PF K	
C3 ,4			CE04CW1C4R7M	ELECTRO 4.7UF 16WV	
C5 ,6			CK73FB1H153KTA	CHIP C 0.015UF K	
C7 ,8			CC73FCH1H150J	CHIP C 15PF J	
C9 ,10			CE04CW1H010M	ELECTRO 1.0UF 50WV	
C21 ,22			CE04CW1C4R7M	ELECTRO 4.7UF 16WV	
C23 ,24			CE04CW0J470M	ELECTRO 47UF 6.3WV	
C31 ,32			CE04CW1H010M	ELECTRO 1.0UF 50WV	
C33 ,34			CK73FB1H122K	CHIP C 1200PF K	
C35 ,36			CK73FB1H152K	CHIP C 1500PF K	
C37 -40			CK73FB1C104K	CHIP C 0.10UF K	
C41 ,42			CE04CW1H2R2M	ELECTRO 2.2UF 50WV	
C43 -46			CE04CW1C100M	ELECTRO 10UF 16WV	
C47 -50			CE04CW1HR33M	ELECTRO 0.33UF 50WV	
C51 -54			CK73FB1H821K	CHIP C 820PF K	
C55 ,56			CK73FB1H562K	CHIP C 5600PF K	
C57			CK73FB1H103K	CHIP C 0.010UF K	
C59			CK73EB1E274K	CHIP C 0.27UF K	
C60			CK73FB1H153KTA	CHIP C 0.015UF K	
C61			C90-2854-05	ELECTRO 10UF 10WV	
C62			CK73FB1H103K	CHIP C 0.010UF K	
C63			CK73EB1H823K	CHIP C 0.082UF K	
C64			CE04CW1H010M	ELECTRO 1.0UF 50WV	
C65			C90-2525-05	NP-ELECT 2.2UF 35WV	
C66			CE04CW1H010M	ELECTRO 1.0UF 50WV	
C67			CE04CW1A101M	ELECTRO 100UF 10WV	
C68 ,69			CK73FB1H103K	CHIP C 0.010UF K	
C70 ,71			CK73FB1H102K	CHIP C 1000PF K	
C72			CK73EB1E154K	CHIP C 0.15UF K	
C73			CK73FB1H223KTA	CHIP C 0.022UF K	
C74			CK73FB1H271K	CHIP C 270PF K	
C75			CK73FB1H473KTA	CHIP C 0.047UF K	
C76			CK73FB1H153KTA	CHIP C 0.015UF K	
C77			CK73EB1H563K	CHIP C 0.056UF K	
C78 ,79			CE04CW1H2R2M	ELECTRO 2.2UF 50WV	
C80			CK73FB1H102K	CHIP C 1000PF K	
C81			CK73FB1H391K	CHIP C 390PF K	
C82			CK73FB1H103K	CHIP C 0.010UF K	
C83 ,84			CC73FCH1H470J	CHIP C 47PF J	
C86			CE04CW0J331M	ELECTRO 330UF 6.3WV	
C87			CK73FB1H103K	CHIP C 0.010UF K	

E: Europe K: North America M: Other Areas
W: Without Europe

⚠ indicates safety critical components.

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

(X14-5392-70 : 457R, 5392-71 : 457RL)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向
C88 ,89			CC73FCH1H220J	CHIP C 22PF J	
C90			CE04CW0J100M	ELECTR@ 10UF 6.3WV	
C91			CK73FB1H271K	CHIP C 270PF K	
C92			CK73FB1H103K	CHIP C 0.010UF K	
C93			CE04CW0J101M	ELECTR@ 100UF 6.3WV	
C94			CK73FB1H102K	CHIP C 1000PF K	
C95			CK73FB1H223KTA	CHIP C 0.022UF K	
C96 ,97			CK73FB1H103K	CHIP C 0.010UF K	
C100			CE04CW1C100M	ELECTR@ 10UF 16WV	
C101			CK73FB1H103K	CHIP C 0.010UF K	
C102			CE04CW1H010M	ELECTR@ 1.0UF 50WV	
C111			CE04DW1A101M	ELECTR@ 100UF 10WV	
C112,113			CK73FB1H103K	CHIP C 0.010UF K	
C114			CK73FB1C823K	CHIP C 0.082UF K	
C115			CK73FB1H103K	CHIP C 0.010UF K	
C116			CE04DW1A101M	ELECTR@ 100UF 10WV	
C117			CK73FB1H103K	CHIP C 0.010UF K	
C118			CE04DW1A101M	ELECTR@ 100UF 10WV	
C119			CC73FCH1H470J	CHIP C 47PF J	
C120			CE04CW1A101M	ELECTR@ 100UF 10WV	
C121			CK73FB1H103K	CHIP C 0.010UF K	
C122			CF92FV1H682J	MF-C 6800PF J	
C123			CF92FV1H393J	MF-C 0.039UF J	
C125			CE04CW1A101M	ELECTR@ 100UF 10WV	
C126			CK73FB1H103K	CHIP C 0.010UF K	
C127			C90-2807-05	NP-ELEC 0.47UF 35WV	
C128			CK73FB1E683KTA	CHIP C 0.068UF K	
C130			CE04CW1C100M	ELECTR@ 10UF 16WV	
C131			CK73FB1H103K	CHIP C 0.010UF K	
C132,133			CC73FCH1H270J	CHIP C 27PF J	
C134			CK73FB1H331K	CHIP C 330PF K	
C151			CK73FB1H223KTA	CHIP C 0.022UF K	
C152			CC73FCH1H060D	CHIP C 6.0PF D	
C153			CK73FB1H822K	CHIP C 8200PF K	
C154			CK73FB1H222K	CHIP C 2200PF K	
C155			CC73FCH1H820J	CHIP C 82PF J	
C156			CK73FB1H102K	CHIP C 1000PF K	
C157			CK73FB1H471K	CHIP C 470PF K	
C158			CC73FCH1H121J	CHIP C 120PF J	
C159			CC73FCH1H120J	CHIP C 12PF J	
C160			CE04CW1C100M	ELECTR@ 10UF 16WV	
C161			CK73FB1H103K	CHIP C 0.010UF K	
C162,163			CK73FB1H122K	CHIP C 1200PF K	
C164			CK73FB1H471K	CHIP C 470PF K	
C170		*	C90-2853-05	ELECTR@ 4700UF 16WV	
C171-173			CK73FB1H103K	CHIP C 0.010UF K	
C174-176			CE04CW1C4R7M	ELECTR@ 4.7UF 16WV	
C177,178			C92-0009-05	CHIP-TAN 4.7UF 10WV	
C179			CE04CW1C4R7M	ELECTR@ 4.7UF 16WV	
C181			CE04CW1H010M	ELECTR@ 1.0UF 50WV	
C190			CE04CW1A101M	ELECTR@ 100UF 10WV	
C191			CE04CW1H010M	ELECTR@ 1.0UF 50WV	
C192			CK73FB1H821K	CHIP C 820PF K	
C193			CE04CW1HR33M	ELECTR@ 0.33UF 50WV	
C201,202			CK73FB1H103K	CHIP C 0.010UF K	

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向
C205			CK73FB1H223KTA	CHIP C 0.022UF K	
C207-214			CK73FB1H153KTA	CHIP C 0.015UF K	
C350			CK73FB1H103K	CHIP C 0.010UF K	
C351			CK73EB1H223K	CHIP C 0.022UF K	
C352			CK73FB1H223KTA	CHIP C 0.022UF K	
302	2D		E29-1497-04	LEAD PLATE	
CN1			E58-0836-05	RECTANGULAR RECEPTACLE	
CN2			E40-3240-05	PIN ASSY	
CN3			E58-0838-05	RECTANGULAR RECEPTACLE	
J1			E56-0809-05	CYLINDRICAL RECEPTACLE	
J2			E13-0235-05	PH@NO JACK	
J3			E04-0306-05	RF COAXIAL CABLE RECEPTACLE	
WH1			E39-0090-15	WIRING HARNESS	
L1 ,2			L40-4791-17	SMALL FIXED INDUCT@R(4.7UH,K)	
L3			L33-1039-05	LINE FILTER C@IL	
L4			L40-1001-17	SMALL FIXED INDUCT@R(10UH,K)	
L5 -7			L40-4791-17	SMALL FIXED INDUCT@R(4.7UH,K)	
L8			L40-1011-17	SMALL FIXED INDUCT@R	
L9			L33-1044-05	CH@KE C@IL	
L10			L40-4791-17	SMALL FIXED INDUCT@R(4.7UH,K)	
L12			L92-0308-05	FERRITE C@RE	
X1		*	L77-2051-05	CRYSTAL RES@NAT@R(8.664M)	
X1		*	L77-2052-05	CRYSTAL RES@NAT@R(8.664M)	
X2			L78-0545-05	RES@NAT@R (CSB456FB38,AN)	
X3			L77-1166-05	CRYSTAL RES@NAT@R	
A	3D		N83-3005-46	PAN HEAD TAPTITE SCREW	
B	2D		N30-3012-46	PAN HEAD MACHINE SCREW	
C	2D		N80-3010-46	PAN HEAD TAPTITE SCREW	
R1 ,2			RK73FB2A513J	CHIP R 51K J 1/10W	
R3 ,4			RK73FB2A751J	CHIP R 750 J 1/10W	
R5 ,6			RK73FB2A682J	CHIP R 6.8K J 1/10W	
R7 ,8			RK73FB2A304J	CHIP R 300K J 1/10W	
R21 ,22			RK73EB2B100J	CHIP R 10 J 1/8W	
R23			RK73EB2B4R7J	CHIP R 4.7 J 1/8W	
R31 ,32			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R33 ,34			RK73FB2A622J	CHIP R 6.2K J 1/10W	
R35 -38			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R39 -42			RK73FB2A303J	CHIP R 30K J 1/10W	
R43 ,44			RK73FB2A271J	CHIP R 270 J 1/10W	
R45 -50			RK73FB2A101J	CHIP R 100 J 1/10W	
R61			RK73FB2A100J	CHIP R 10 J 1/10W	
R62			RK73FB2A332J	CHIP R 3.3K J 1/10W	
R63			RK73FB2A184J	CHIP R 180K J 1/10W	
R64 ,65			RK73FB2A104J	CHIP R 100K J 1/10W	
R67			RK73FB2A271J	CHIP R 270 J 1/10W	
R68			RK73FB2A302J	CHIP R 3.0K J 1/10W	
R69			RK73FB2A683J	CHIP R 68K J 1/10W	
R70			RK73FB2A183J	CHIP R 18K J 1/10W	
R71			RK73FB2A474J	CHIP R 470K J 1/10W	
R72			RK73FB2A823J	CHIP R 82K J 1/10W	
R73			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R85			RK73FB2A105J	CHIP R 1.0M J 1/10W	
R86			RK73FB2A470J	CHIP R 47 J 1/10W	

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PARTS LIST

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(X14-5392-70 : 457R, 5392-71 : 457RL)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向
R87 -89			RK73FB2A101J	CHIP R 100 J 1/10W	
R90			RK73FB2A470J	CHIP R 47 J 1/10W	
R91			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R92			RK73FB2A473J	CHIP R 47K J 1/10W	
R93			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R94			RK73FB2A473J	CHIP R 47K J 1/10W	
R95			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R96			RK73FB2A104J	CHIP R 100K J 1/10W	
R97 ,98			RK73FB2A101J	CHIP R 100 J 1/10W	
R99			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R100			RK73FB2A223J	CHIP R 22K J 1/10W	
R101			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R102			RK73FB2A223J	CHIP R 22K J 1/10W	
R103-106			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R107,108			RK73FB2A101J	CHIP R 100 J 1/10W	
R109			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R110			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R111			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R112			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R113			RK73FB2A103J	CHIP R 10K J 1/10W	
R114-116			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R118			RK73FB2A473J	CHIP R 47K J 1/10W	R
R118,119			RK73FB2A473J	CHIP R 47K J 1/10W	RL
R120			RK73FB2A473J	CHIP R 47K J 1/10W	R
R121			RK73FB2A332J	CHIP R 3.3K J 1/10W	
R122			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R123			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R124			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R125			RK73FB2A104J	CHIP R 100K J 1/10W	
R126-128			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R129			RK73FB2A101J	CHIP R 100 J 1/10W	
R130			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R131			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R132			RK73FB2A104J	CHIP R 100K J 1/10W	
R133			RK73FB2A333J	CHIP R 33K J 1/10W	
R134			RK73FB2A153J	CHIP R 15K J 1/10W	
R135			RK73FB2A103J	CHIP R 10K J 1/10W	
R138			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R139			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R141			RK73FB2A104J	CHIP R 100K J 1/10W	
R148			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R150			RK73FB2A273J	CHIP R 27K J 1/10W	
R151			RK73FB2A473J	CHIP R 47K J 1/10W	
R160			RK73EB2B331J	CHIP R 330 J 1/8W	
R161			RK73FB2A473J	CHIP R 47K J 1/10W	
R162			RK73FB2A103J	CHIP R 10K J 1/10W	
R163			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R164			RK73FB2A562J	CHIP R 5.6K J 1/10W	
R165			RK73FB2A103J	CHIP R 10K J 1/10W	
R166			RK73FB2A223J	CHIP R 22K J 1/10W	
R168			RK73FB2A223J	CHIP R 22K J 1/10W	
R169			RK73FB2A822J	CHIP R 8.2K J 1/10W	
R170			RK73FB2A223J	CHIP R 22K J 1/10W	
R171			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R172			RK73FB2A472J	CHIP R 4.7K J 1/10W	

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向
R173			RK73FB2A332J	CHIP R 3.3K J 1/10W	
R174			RK73FB2A182J	CHIP R 1.8K J 1/10W	
R175			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R176			RK73FB2A561J	CHIP R 560 J 1/10W	
R177			RK73FB2A682J	CHIP R 6.8K J 1/10W	
R178			RK73FB2A473J	CHIP R 47K J 1/10W	
R179			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R180			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R181			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R183			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R184			RK73FB2A151J	CHIP R 150 J 1/10W	
R185			RK73FB2A473J	CHIP R 47K J 1/10W	
R186			RK73FB2A103J	CHIP R 10K J 1/10W	
R190			RK73FB2A103J	CHIP R 10K J 1/10W	
R191			RK73FB2A823J	CHIP R 82K J 1/10W	
R192			RK73FB2A103J	CHIP R 10K J 1/10W	
R193			RK73FB2A104J	CHIP R 100K J 1/10W	
R194			RK73FB2A153J	CHIP R 15K J 1/10W	
R195			RK73FB2A562J	CHIP R 5.6K J 1/10W	
R196			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R197			RK73FB2A562J	CHIP R 5.6K J 1/10W	
R198			RK73FB2A103J	CHIP R 10K J 1/10W	
R199			RK73FB2A272J	CHIP R 2.7K J 1/10W	
R200			RK73FB2A563J	CHIP R 56K J 1/10W	
R201-204			RK73FB2A103J	CHIP R 10K J 1/10W	
R205			RK73FB2A220J	CHIP R 22 J 1/10W	
R210			RK73FB2A220J	CHIP R 22 J 1/10W	
R211			RK73FB2A332J	CHIP R 3.3K J 1/10W	
R212			RK73FB2A750J	CHIP R 75 J 1/10W	
R213			RK73FB2A223J	CHIP R 22K J 1/10W	
R214			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R215			RK73EB2B470J	CHIP R 47 J 1/8W	
R216			RK73FB2A101J	CHIP R 100 J 1/10W	
R217			RK73FB2A562J	CHIP R 5.6K J 1/10W	
R218			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R219			RK73FB2A822J	CHIP R 8.2K J 1/10W	
R220			RK73FB2A101J	CHIP R 100 J 1/10W	
R221			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R222			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R225			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R226			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R230			RS14DB3A332J	FL-PR@@F RS 3.3K J 1W	
R236			RK73EB2B472J	CHIP R 4.7K J 1/8W	
R237			RK73EB2B331J	CHIP R 330 J 1/8W	
R238			RK73FB2A103J	CHIP R 10K J 1/10W	
R239			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R240			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R241			RK73FB2A332J	CHIP R 3.3K J 1/10W	
R242			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R249			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R250			RK73FB2A223J	CHIP R 22K J 1/10W	
R252			RK73FB2A273J	CHIP R 27K J 1/10W	
R253			RK73FB2A154J	CHIP R 150K J 1/10W	
R254			RK73FB2A432J	CHIP R 4.3K J 1/10W	
R255			RK73FB2A391J	CHIP R 390 J 1/10W	

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(X14-5392-70 : 457R, 5392-71 : 457RL)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向
R256			RK73FB2A273J	CHIP R 27K J 1/10W	
R257			RK73FB2A752J	CHIP R 7.5K J 1/10W	
R261,262			RK73FB2A223J	CHIP R 22K J 1/10W	
R263			RK73FB2A222J	CHIP R 2.2K J 1/10W	
R264			RK73FB2A562J	CHIP R 5.6K J 1/10W	
R301			RD14DB2H561J	SMALL-RD 560 J 1/2W	
R302			RK73FB2A103J	CHIP R 10K J 1/10W	
R303			RD14DB2H102J	SMALL-RD 1.0K J 1/2W	
R304			RK73FB2A103J	CHIP R 10K J 1/10W	
R306			RD14DB2H2R2J	SMALL-RD 2.2 J 1/2W	
R308			RK73FB2A103J	CHIP R 10K J 1/10W	
R309			RK73EB2B222J	CHIP R 2.2K J 1/8W	
R310			RK73FB2A103J	CHIP R 10K J 1/10W	
R311			RK73EB2B222J	CHIP R 2.2K J 1/8W	
R312			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R313			RK73FB2A241J	CHIP R 240 J 1/10W	
R352,353			RK73FB2A104J	CHIP R 100K J 1/10W	
R361			RK73FB2A104J	CHIP R 100K J 1/10W	
VR1			R12-0679-05	TRIMMING POT.(22K)	
D1			1SS133	DIODE	
D2			DA204K	DIODE	
D3 -5			1SS133	DIODE	
D14 ,15			AM01Z	DIODE	
D14 ,15			ERA15-01	DIODE	
D16			UZ-12BS(B)	ZENER DIODE	
D17 -24			UZ-6.2BS(B)	ZENER DIODE	
D25 -28			DA204K	DIODE	
D29			RM10ZLF	DIODE	
D30			UZL-7(L3)	ZENER DIODE	
D31			AM01Z	DIODE	
D31			ERA15-01	DIODE	
D32 ,33			1SS133	DIODE	
D34 ,35			DAP202K	DIODE	
D34 ,35			MA152WA	DIODE	
D36 -41			1SS133	DIODE	
D42			UZ-5.1BS(B)	ZENER DIODE	
D44			AM01Z	DIODE	
D44			ERA15-01	DIODE	
D45 -48			1SS133	DIODE	
IC1		*	ST7285A5Q6ACFF	MI-COM IC	
IC2			TDA7420	ANALOGUE IC	
IC3			BA3917-V4	ANALOGUE IC	
IC4			TDA7385	ANALOGUE IC	
IC5			TC4W66F	IC	
IC6		*	LC72146M	MOS-IC	
IC7			NJM4565M	IC(OP AMP X2)	
IC8			PST9137NR	ANALOGUE IC	
Q1			2SC2412K	TRANSISTOR	
Q1			2SD601A	TRANSISTOR	
Q2			DTA124EK	DIGITAL TRANSISTOR	
Q2			UN2112	TRANSISTOR	
Q3			DTC124EK	DIGITAL TRANSISTOR	
Q3			UN2212	TRANSISTOR	
Q4 ,5			DTC143TK	DIGITAL TRANSISTOR	
Q4 ,5			UN2216	TRANSISTOR	
Q6			DTC114YK	DIGITAL TRANSISTOR	
Q6			UN2214	TRANSISTOR	
Q7			2SA1037K	TRANSISTOR	
Q9 ,10			2SK536	FET	
Q11			DTC144EK	DIGITAL TRANSISTOR	
Q11			UN2213	TRANSISTOR	
Q12			2SA1037K	TRANSISTOR	
Q13 ,14			DTC124EK	DIGITAL TRANSISTOR	
Q13 ,14			UN2212	TRANSISTOR	
Q15 -19			2SC2412K	TRANSISTOR	
Q15 -19			2SD601A	TRANSISTOR	
Q20			DTC114TK	DIGITAL TRANSISTOR	
Q20			UN2215	TRANSISTOR	
Q21			DTA124EK	DIGITAL TRANSISTOR	
Q21			UN2112	TRANSISTOR	
Q22			2SA1037K	TRANSISTOR	
Q23			2SC2412K	TRANSISTOR	
Q23			2SD601A	TRANSISTOR	
Q24			DTC144EK	DIGITAL TRANSISTOR	
Q24			UN2213	TRANSISTOR	
Q25			DTC114YK	DIGITAL TRANSISTOR	
Q25			UN2214	TRANSISTOR	
Q26			2SB1443	TRANSISTOR	
Q27			DTC114YK	DIGITAL TRANSISTOR	
Q27			UN2214	TRANSISTOR	
Q28			2SB1443	TRANSISTOR	
Q29			2SC2412K	TRANSISTOR	
Q29			2SD601A	TRANSISTOR	
Q30			2SB1184	TRANSISTOR	
Q31			DTC114YK	DIGITAL TRANSISTOR	
Q31			UN2214	TRANSISTOR	
Q32			2SB1443	TRANSISTOR	
Q33			DTC114YK	DIGITAL TRANSISTOR	
Q33			UN2214	TRANSISTOR	
Q34			2SB1443	TRANSISTOR	
Q35			2SC2412K	TRANSISTOR	
Q35			2SD601A	TRANSISTOR	
Q36			2SD1760	TRANSISTOR	
Q37			DTC144EK	DIGITAL TRANSISTOR	
Q37			UN2213	TRANSISTOR	
Q38			2SA1037K	TRANSISTOR	
Q39			DTC144EK	DIGITAL TRANSISTOR	
Q39			UN2213	TRANSISTOR	
Q40			DTC114YK	DIGITAL TRANSISTOR	
Q40			UN2214	TRANSISTOR	
Q41 ,42			DTA124EK	DIGITAL TRANSISTOR	
Q41 ,42			UN2112	TRANSISTOR	
Q43			DTC144EK	DIGITAL TRANSISTOR	
Q43			UN2213	TRANSISTOR	
Q44			2SC2412K	TRANSISTOR	
Q44			2SD601A	TRANSISTOR	
Q45			DTC114YK	DIGITAL TRANSISTOR	
Q45			UN2214	TRANSISTOR	
Q46 -48			DTA124EK	DIGITAL TRANSISTOR	

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KRC-457R/RL

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(X14-5392-70 : 457R, 5392-71 : 457RL)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名/規格	Destination 仕向
Q46 -48			UN2112	TRANSISTOR	
Q49			DTC144EK	DIGITAL TRANSISTOR	
Q49			UN2213	TRANSISTOR	
TH1			NT732ATD33KJ	THERMISTOR	
TU1	3D		W02-1514-05	FM/AM FRONT-END	
SWITCH UNIT (X25-7512-70)					
310	1E		B11-0911-04	OPTICAL DIFFUSER	
311	1E		B19-1050-03	LIGHTING BOARD	
D1 -17			B30-1349-05	LED	
LCD1	2E	*	B38-0651-05	LIQUID CRYSTAL	
PL1 ,2			B30-1305-05	LAMP (5.5V .125A)	
PL3 ,4			B30-1306-05	LAMP (5.5V .125A)	
C1			CK73FB1H223KTA	CHIP C 0.022UF K	
313	1E		E29-1491-04	CONDUCTIVE RUBBER	
CN1			E59-0818-05	RECTANGULAR PLUG	
R1 ,2			RK73EB2B471J	CHIP R 470 J 1/8W	
R3 -5			RK73EB2B331J	CHIP R 330 J 1/8W	
R6 ,7			RK73EB2B471J	CHIP R 470 J 1/8W	
R8			RK73FB2A104J	CHIP R 100K J 1/10W	
R9			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R10			RK73FB2A563J	CHIP R 56K J 1/10W	
R11 -15			RK73FB2A102J	CHIP R 1.0K J 1/10W	
D18 -20			DA227	DIODE	
D21 -25			UZMA6.2	ZENER DIODE	
IC1			UPD16431A	MOS-IC	
CASSETTE MECHANISM ASS'Y (D40-1054-05)					
1	2A		A10-2345-08	CHASSIS ASSY	
2	3B		J21-7524-08	MOUNTING HARDWARE (P.B. HEAD)	
3	3B		D14-0630-08	SPRING ROLLER	
4	3B		G01-2613-08	TORSION SPRING (PINCH ROLLER)	
5	3B		D10-2907-08	SLIDER	
6	3B		D13-1102-08	GEAR	
7	3B		J90-0741-08	TAPE GUIDE	
8	2B		J19-4554-08	HEAD HOLDER	
9	2B		J11-0604-08	CLAMPER	
11	3B		D10-2908-08	SHIFT PLATE	
12	3B		G01-2695-08	H.G SPRING	
13	3B		J90-0742-08	WASHER	
15	2B		E39-0059-08	WIRING HARNESS	
16	2B		D10-2752-08	PINCH ROLLER ASSY (F)	
17	2A		D10-2753-08	PINCH ROLLER ASSY (R)	
19	2B		J21-7528-08	MOUNTING HARDWARE	
20	1B		D10-2909-08	SLIDER	
22	3A		D03-0308-08	REEL DISK	
23	3A		D13-1103-08	GEAR	
24	3A		D13-1104-08	GEAR	
25	3A		D13-1105-08	GEAR	
26	3A		D13-1106-08	GEAR	
27	3A		D13-1107-08	GEAR (REV)	
28	3A		D10-2755-08	ARM	
29	3A		A11-0889-08	SUB CHASSIS ASSY	
30	3A		G01-2618-08	COMPRESSION SPRING	
31	3A		D13-1111-08	GEAR	
32	3A		D10-2756-08	ARM	
33	3A		D10-2757-08	ARM	
34	3A		G01-2614-08	TORSION SPRING	
36	3A		D03-0309-08	REEL DISK ASSY	
41	2A		E60-0801-08	CONNECTOR	
43	1B		D10-2758-08	ARM	
44	1A		D10-1346-08	SLIDER	
45	1B		G01-1574-08	TENSION SPRING	
46	1A		G11-1550-08	CUSHION	
47	1A		G01-2696-08	TORSION SPRING	
48	1A		J19-4451-08	HOLDER	
49	1A		D10-2759-08	ARM	
50	1A		D10-2768-08	SLIDER	
51	1B		G02-1153-08	FLAT SPRING	
52	1A		G09-0051-08	SPRING	
56	2A		D14-0631-08	ROLLER	
57	2A		D14-0632-08	ROLLER	
58	2A		D10-2747-08	LEVER	
59	2A		G01-2620-08	TENSION SPRING	
60	2A		G01-2621-08	TENSION SPRING	
61	2A		D10-2912-08	LEVER	
64	2B		D10-2769-08	SLIDER	
65	2B		G09-2006-08	SPRING	
66	2B		G09-2007-08	SPRING	
70	3A		D10-2754-08	ARM	
71	2A		D13-1109-08	GEAR	
72	3A		G01-2616-08	TORSION SPRING	
74	3B		D01-0605-08	FLYWHEEL ASSY	
75	3B		D16-0606-08	BELT	
77	2A		G01-2619-08	COMPRESSION SPRING	
78	2B		D13-1110-08	GEAR	
79	2B		D15-0909-08	PULLEY	
80	2A		G01-2617-08	TORSION SPRING	
81	2B		D10-2760-08	ARM	
82	2B		N09-4055-08	SCREW	
83	2A		D10-2761-08	ARM	
84	2B		D10-2762-08	ARM	
85	1A		G01-2622-08	TENSION SPRING	
86	3B		D10-2749-08	LEVER	
87	3A		N09-4056-08	SCREW	
88	2A		D10-2763-08	ARM	
89	2B		G01-2623-08	TENSION SPRING	
90	2B		N19-2038-08	FLAT WASHER	
91	1B		G01-2697-08	TENSION SPRING	
92	1B		D10-2913-08	LEVER	
93	1B		D10-2914-08	LEVER	
94	2B		D10-2764-08	ARM	
95	2B		G01-2625-08	TENSION SPRING	
96	1B		D10-2765-08	ARM	
97	1B		G01-2626-08	TENSION SPRING	
98	3B		N19-2035-08	FLAT WASHER	
99	1B		D10-2766-08	ARM	
100	1B		T94-0406-08	SOLENOID COIL	

⚠ indicates safety critical components.

E: Europe K: North America M: Other Areas
W: Without Europe

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

(D40-1054-05)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向
101	1B		T94-0407-08	SOLENOID	
102	1B		G01-2698-08	TENSION SPRING	
103	2B		D19-0604-08	PIN	
104	2B		G01-2627-08	TENSION SPRING	
150	2B		N09-4009-05	SCREW	
151	3B		N09-4009-05	SCREW	
153	3B		N19-2036-08	FLAT WASHER	
154	2A		N19-2037-08	FLAT WASHER	
155	1A		N84-2003-45	SCREW	
156	1A		N24-3015-60	E TYPE RETAINING RING	
157	1B		N09-4059-08	SCREW	
158	2B		N19-2043-08	FLAT WASHER	
159	2A		N19-2039-08	FLAT WASHER	
160	2B		N24-3020-60	E TYPE RETAINING RING	
161	2A		N09-4058-08	SCREW	
162	3B		N19-2050-08	FLAT WASHER	
163	2B		N19-2041-08	FLAT WASHER	
164	2B		N19-2042-08	FLAT WASHER	
165	3A		N09-4092-08	SCREW	
166	2B		N09-4060-08	SCREW	
167	3B		N09-4109-08	SCREW	
168	3B		N09-4110-08	SCREW	
HD1	2B		T31-0214-08	PLAYBACK HEAD	
M1	2A		T42-0734-08	MOTOR ASSY	
S1	2A		S62-0813-08	SLIDE SWITCH	
S2	2A		S68-0803-08	PUSH SWITCH	
S3	2B		S62-0812-08	SLIDE SWITCH	

E: Europe K: North America M: Other Areas
W: Without Europe

⚠ indicates safety critical components.

KRC-457R/RL

SPECIFICATIONS

Specifications subject to change without notice.

FM tuner section

Frequency range (50 kHz Space).....87.5 MHz – 108.0 MHz
Usable sensitivity (S/N = 26dB).....0.7 µV/75 ohms
Quieting Sensitivity (S/N = 46 dB).....1.6 µV/75 ohms
Frequency response (±3.0 dB).....30 Hz – 15 kHz
Signal to Noise ratio (MONO).....68 dB
Selectivity (DIN) (±400kHz).....≧ 80 dB
Stereo separation (1 kHz).....35 dB

MW tuner section

Frequency range (9 kHz Space).....531 kHz – 1611 kHz
Usable sensitivity (S/N = 20dB).....30 µV

LW tuner section (KRC-457RL only)

Frequency range.....153 kHz – 281 kHz
Usable sensitivity (S/N = 20dB).....45 µV

Cassette player section

Tape speed.....4.76 cm/sec.
Wow & Flutter (WRMS).....0.12 %
Frequency response (120 µs).....30 Hz – 14 kHz (±3 dB)
Stereo separation (1 kHz).....40 dB
Signal to Noise ratio.....54 dB

Audio section

Maximum output power.....30 W × 4
Rated power output (DIN45324, +B=14.4V).....20 W × 4
Tone action
Bass:.....100 Hz ±10 dB
Treble:.....10 kHz ±10 dB
Preout level /Load.....1800 mV/ 10k ohms
Preout impedance.....≦ 600 ohms

General

Operating voltage.....14.4 V (11 – 16 V allowable)
Current consumption.....10 A at Rated power
Installation size (W × H × D).....182 × 53 × 154 mm
Weight.....1.3 kg

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CASSETTE RECEIVER

KRC-555R/RL

SERVICE MANUAL

KENWOOD

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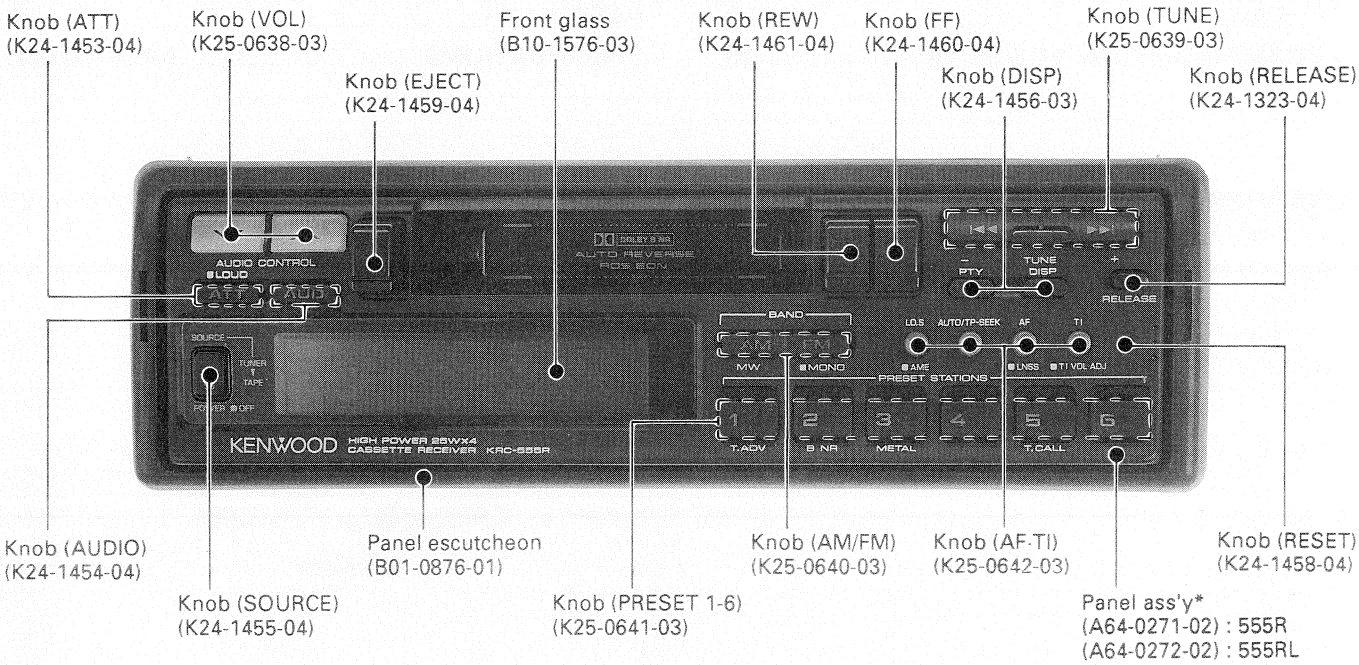

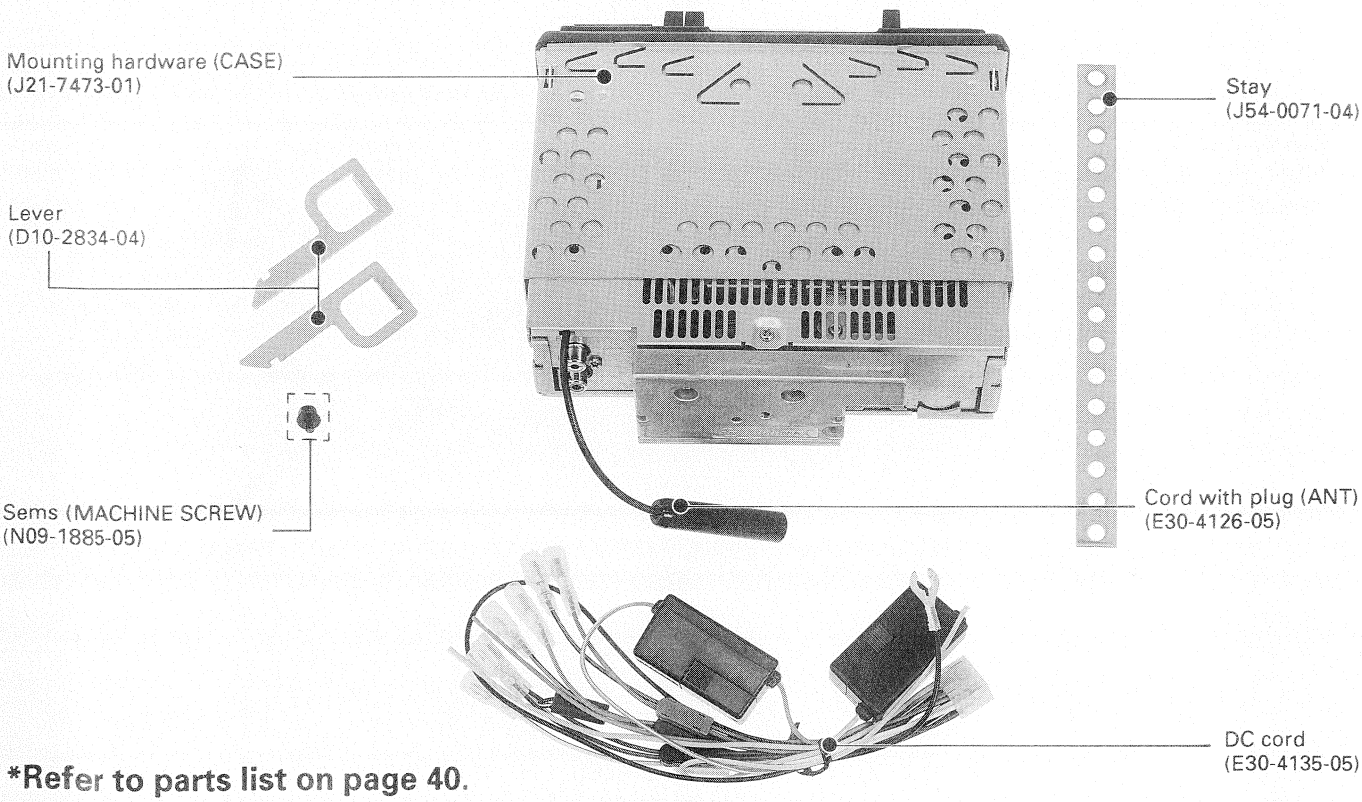

***Refer to parts list on page 40.**

Photo is KRC-555R.

CASSETTE RECEIVER

KRC-555R/RL

SERVICE MANUAL

KENWOOD

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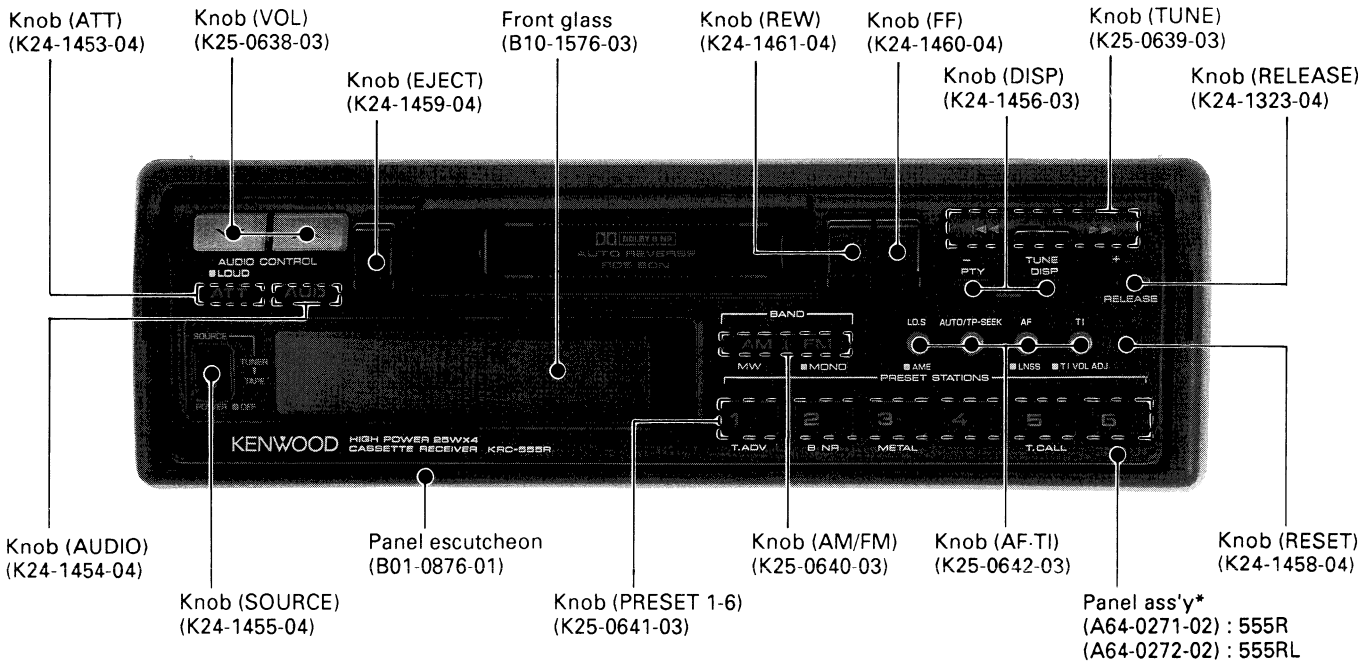
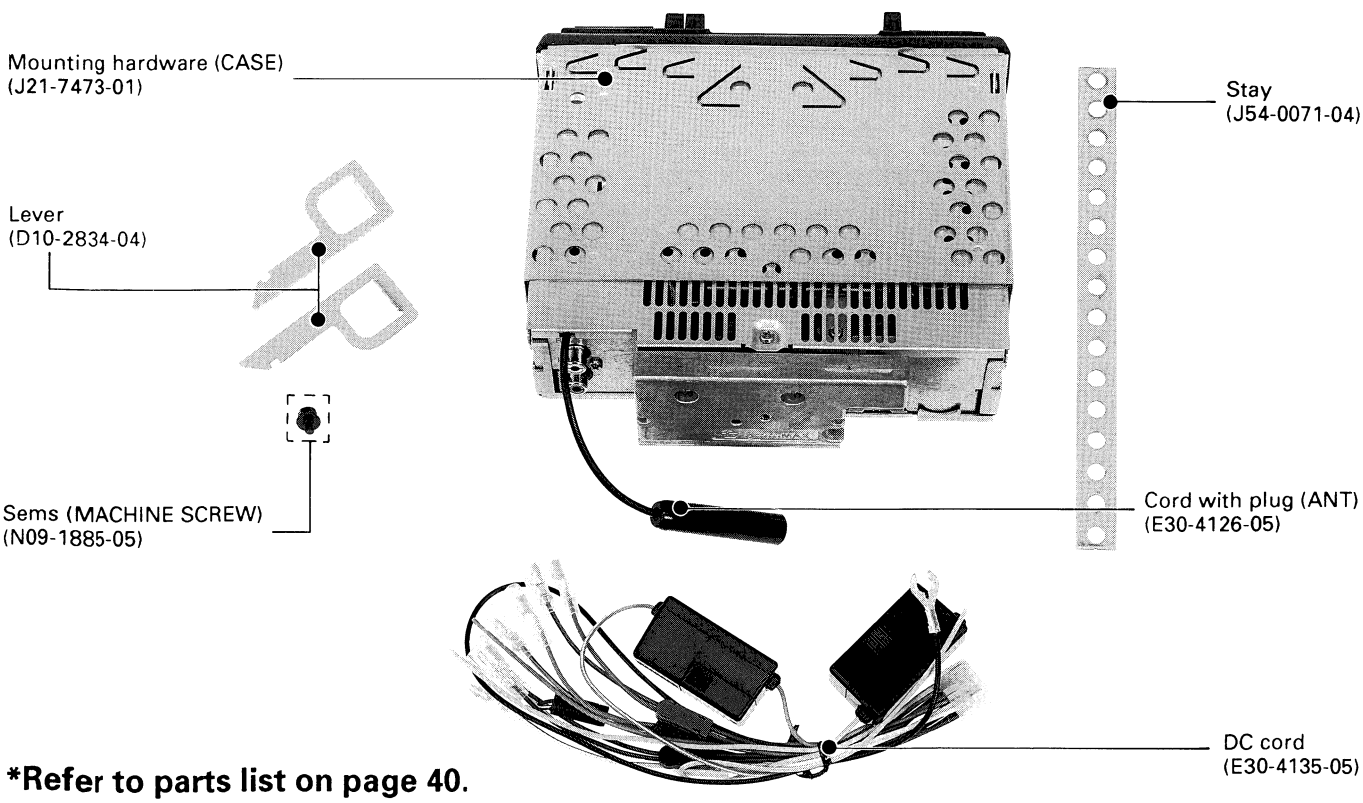
B51-6698-00(N)2260





***Refer to parts list on page 40.**

Photo is KRC-555R.

KRC-555R/RL

CONTENTS/DISASSEMBLY FOR REPAIR (MECHANISM)

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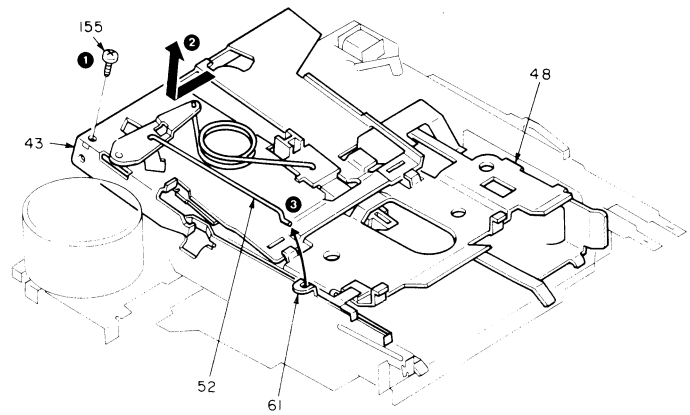
PARTS LIST 40
SPECIFICATIONS ..... BACK COVER

DISASSEMBLY FOR REPAIR (MECHANISM)

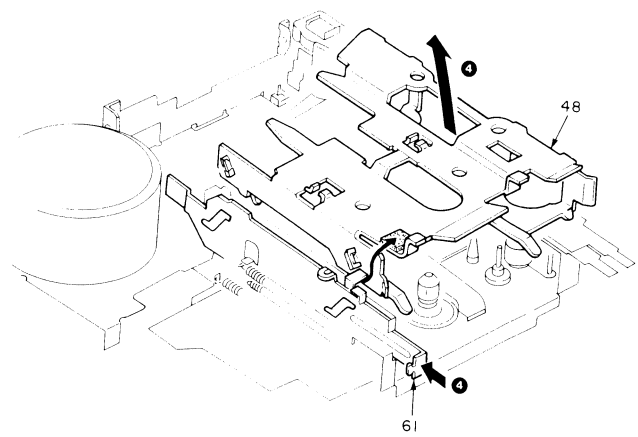
REMOVAL NO1.

1. Remove screw (155) (❶).
2. Rotate the lifter (43) to the left and lift it up to remove (❷).
3. Remove the rod (52) from the eject lever (61) (❸).



REMOVAL NO2.

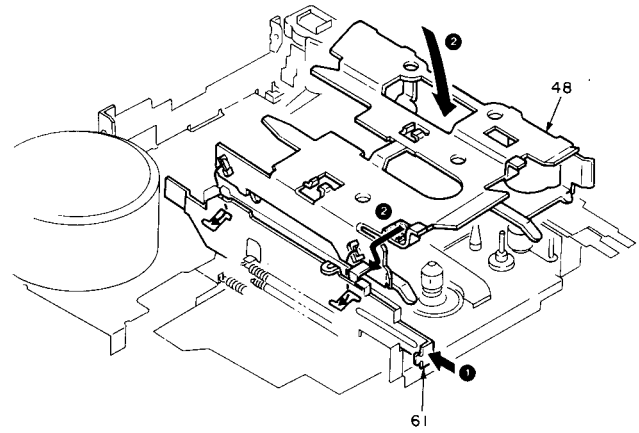
4. While pressing-in on the eject lever (61), remove the holder(48) (❹).



DISASSEMBLY FOR REPAIR (MECHANISM)

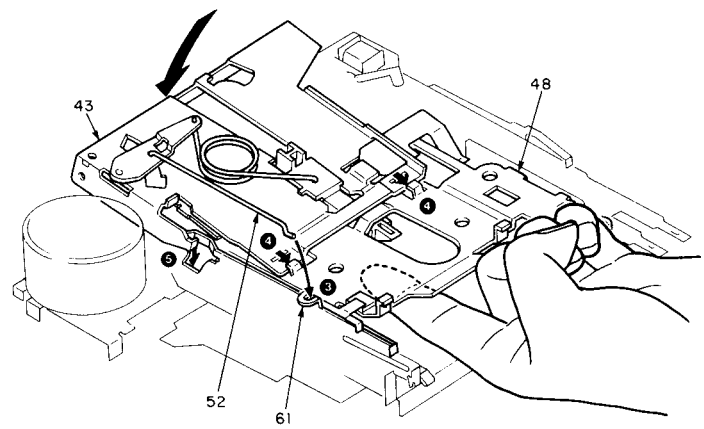
SET UP NO1.

1. While pressing-in on the eject lever (61) , attach the holder (48) (❶).
2. Insert the holder's (48) projecting tab into push plate's groove (❷).



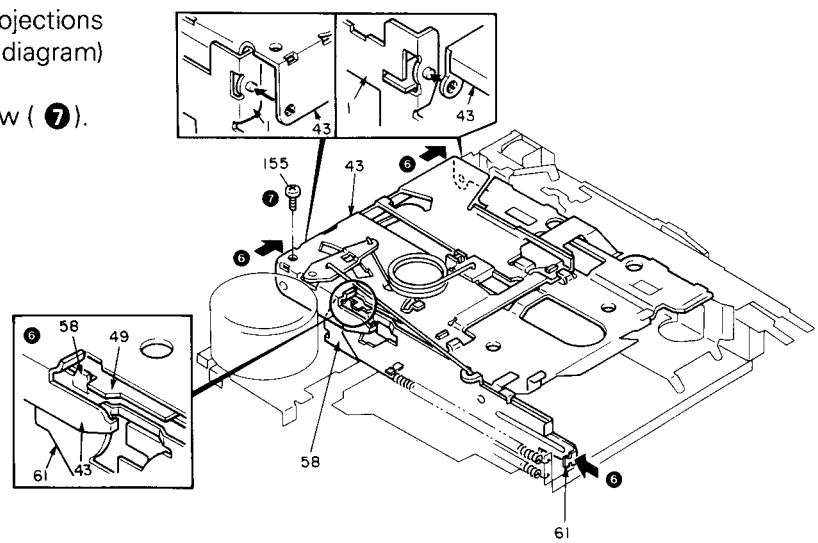
SET UP NO2.

3. Insert the rod (52) into the hole in the eject lever (61) (❸).
4. While lifting up the holder (48) , engage the lifter (43) (❹).
5. Move the lifter (43) down so that it aligns with the eject lever's (61) cut out (❺) section.



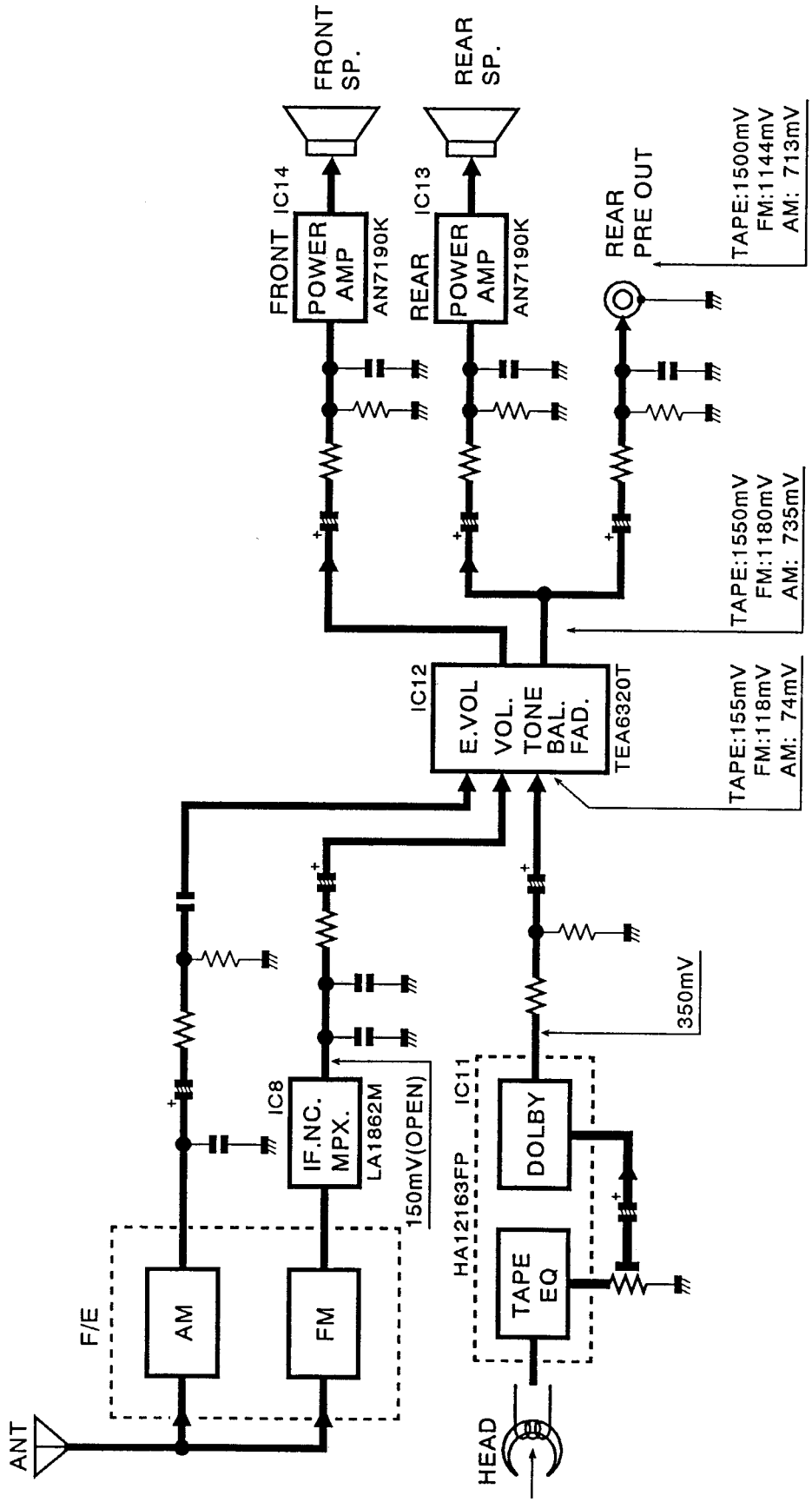
SET UP NO3.

6. Align the lifter (43) with the chassis (1) projections and move it to the right to engage (see diagram) (❻)
7. Secure the assembly by attaching the screw (❼).



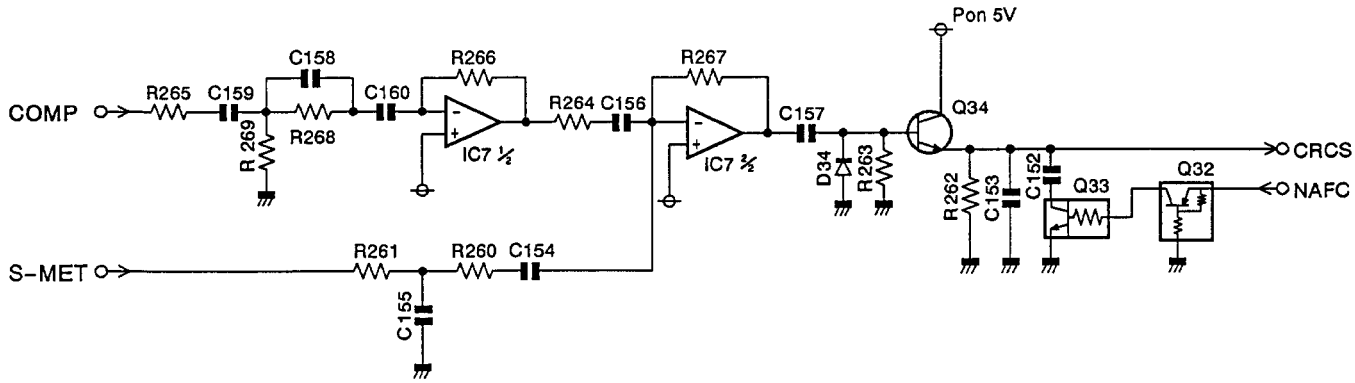
KRC-555R/RL

BLOCK DIAGRAM



CIRCUIT DESCRIPTION

Noise Detector Circuit



To achieve proper AF search while the RDS is in use, it is required to detect noise in the station being receiver and in search destinations. This circuit detects a noise quantity which is proportional to the noise felt by human audition so that a station with small noise, which cannot be identified simply from the S-meter level, can be searched.

The signals used for noise detection are the composite signal and S-meter signal. The S-meter is used because it helps detect relatively low noise components. The composite signal is supplied through a HPF to extract only the high-frequency noise component.

In the circuit diagram above, the part from the COMP input to the circuit using IC7 corresponds to the HPF. The S-meter signal is not supplied to HPF because a lower frequency component than the composite signal is to be used, and sent to IC7 (2/2) to be mixed with the high-frequency component of the composite signal.

The mixed signal turns Q34 ON/OFF and this data is sent to the μ-com. NAFC is the signal for switching the time constant of the output from Q34, and it is "L" during search (seek) and "H" during normal reception.

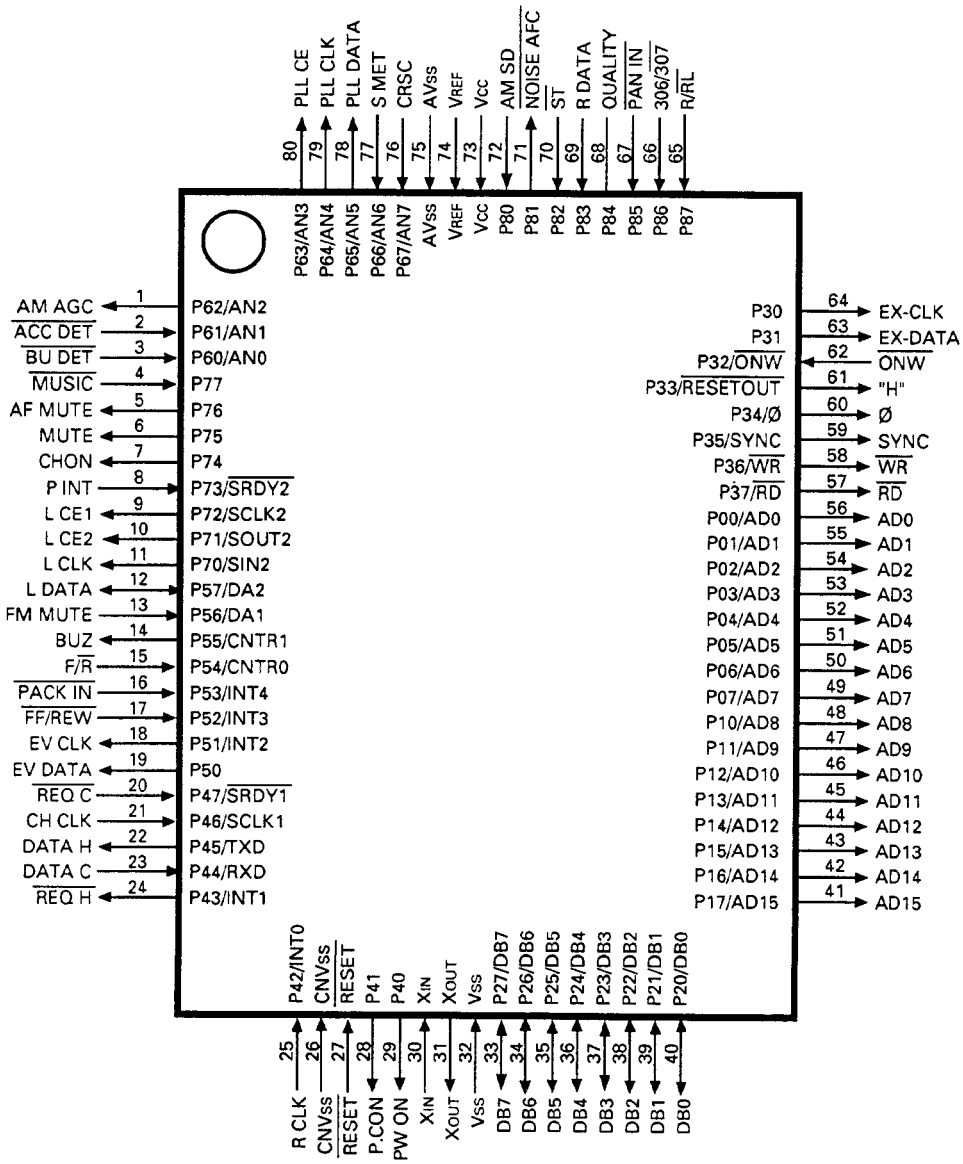
During normal reception, Q33 is turned ON to make C153 and C52 parallel so that the time constant is larger and search will not start with slight noise.

During search, the time constant is smaller because only C153 is active, so that the response to noise is made quicker to make high-speed search possible.

CIRCUIT DESCRIPTION

IC1 : M38067M8D123FP (X14-)

• Pin connection



• Pin function

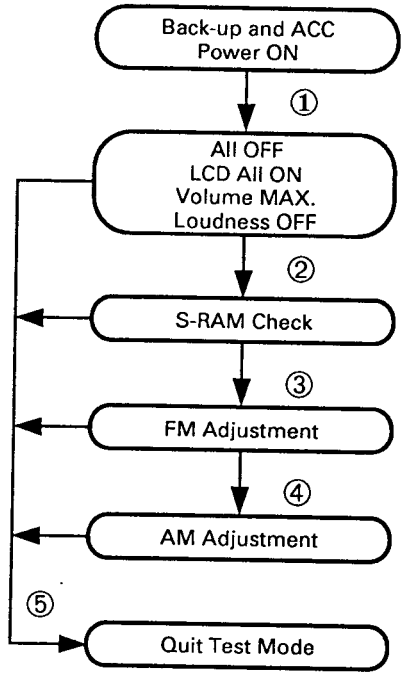
No.	Port name	I/O	Signal name	Function	Active status
1	P62/AN2	O	AM AGC	AM AGC	AM SEEK
2	P61/AN1	I	ACC DET	ACC power supply	ACC OFF
3	P60/AN0	I	BU DET	Back-up power supply	Back-up OFF
4	P77	I	MUSIC	Music signal (Used for detection of blank between tunes)	Music detected
5	P76	O	AF MUTE	Muting (Used in AF search)	
6	P75	O	MUTE	Muting	
7	P74	O	CHON	CD-CH ON	
8	P73/SRDY2	I	P INT	LCD driver MSM6606 end of A key scan cycle	
9	P72/SCLK2	O	L CE1	LCD driver MSM6606 Latch	
10	P71/SOUT2	O	L CE2	LCD driver MSM6544 Latch	

CIRCUIT DESCRIPTION

No.	Port name	I/O	Signal name	Function	Active status
11	P70/SIN2	O	L CLK	LCD driver Clock	
12	P57/DA2	I/O	L DATA	LCD driver Data	
13	P56/DA1	I	FM MUTE	FM band muting	FM station detected
14	P55/CNTR1	O	BUZ	Buzzer	
15	P54/CNTR0	I	F/$\overline{R}$	Tape direction Forward/Reverse	H=Forward
16	P53/INT4	I	$\overline{PACK\ IN}$	Tape pack in	Pack in
17	P52/INT3	I	$\overline{FF/REW}$	Tape fast winding (FF/REW)	FF/REW
18	P51/INT2	O	EV CLK	Electronic Volume TEA6320 Clock	
19	P50	O	EV DATA	Electronic Volume TEA6320 Data	
20	P47/$\overline{SRDY1}$	I	$\overline{REQ\ C}$	CD-CH Request CD-CH	
21	P46/SCLK1	I	CH CLK	CD-CH CLOCK	
22	P45/TXD	O	DATA H	CD-CH Data Head unit	
23	P44/RXD	I	DATA C	CD-CH Data CD-CH	
24	P43/INT1	O	$\overline{REQ\ H}$	CD-CH Request Head unit	
25	P42/INT0	I	R CLK	RDS Clock	
26	CNVss	I	CNVss	μ-com chip operation control mode switching	CNVss=GND
27	$\overline{RESET}$	I	$\overline{RESET}$	Hardware Reset	Active "L"
28	P41	O	P.CON	Power control	
29	P40	O	PW ON	Power ON +5V	
30	XIN	I	XIN	Clock input	
31	XOUT	O	XOUT	Clock output	
32	Vss	I	Vss	Power supply input	Vss=GND
33~40	P27/DB7~P20/DB0	I/O	DB7~DB0	S-RAM Data Bus 7~0	
41~48	P17/AD15~P10/AD8	O	AD15~AD8	S-RAM Address 15~8	
49~56	P07/AD7~P00/AD0	O	AD7~AD0	S-RAM Address 7~0	
57	P37/$\overline{RD}$	O	$\overline{RD}$	S-RAM Read control	
58	P36/$\overline{WR}$	O	$\overline{WR}$	S-RAM Write control	
59	P35/SYNC	O	SYNC	Outputs "H" for 1 period of ø during op-code fetching. (Not used)	
60	P34/ø	O	ø	Internal system clock ø output. (Not used)	
61	P33/$\overline{RESETOUT}$	O	"H"	Permanently outputs "H". (Not used)	
62	P32/$\overline{ONW}$	I	$\overline{ONW}$	Delays internal system clock ø by half. (Not used)	
63	P31	O	EX DATA	Serial parallel Extension port IC Data	
64	P30	O	EX CLK	Serial parallel Extension port IC Clock	
65, 66	P87, P86	I	R/$\overline{RL}$, 306/$\overline{307}$	Destination setting (Read only during reset-start).	L=RL, L=307
67	P85	I	$\overline{PAN\ IN}$	Panel Attached/Detached	Panel attached
68	P84	I	QUALITY	RDS Quality	
69	P83	I	R DATA	RDS Data	
70	P82	I	$\overline{ST}$	FM Stereo/Mono	Stereo
71	P81	O	$\overline{NOISE\ AFC}$	RDS Noise AFC	
72	P80	I	AM SD	AM SD	AM station detected
73	Vcc	I	Vcc	Power supply input	Vcc=+5V
74	VREF	I	VREF	Reference power for A/D converter. Analog Max. voltage.	VREF=+5V
75	AVss	I	AVss	Analog power input for A/D converter. Analog Min. voltage.	AVss=GND
76	P67/AN7	I	CRSC	FM noise (Used by A/D)	
77	P66/AN6	I	S MET	FM S-meter (Used by A/D)	
78	P65/AN5	O	PLL DATA	PLL LM7001M Data	
79	P64/AN4	O	PLL CLK	PLL LM7001M Clock	
80	P63/AN3	O	PLL CE	PLL LM7001M Chip Enable	

CIRCUIT DESCRIPTION

Flow of Operation in Test Mode



- All LCD segment dots are turned ON.
  This common to LCD so even the dots which are not used with the model light.
  Volume is set to MAX (00dB), Loudness is set to OFF.
- Connection between μ-com and external RAM (S-RAM) is checked.
  For the description of display, refer to [S-RAM Check Mode].
- Reception of FM band initial frequency (98.1MHz).
  For the description of adjustment and display, refer to [FM Adjustment Mode].
- Reception of AM band initial frequency (MW 999kHz).
  For the description of adjustment and display, refer to [AM Adjustment Mode].
- Test mode operation are quit.
  However, setups of Volume, Loudness and other conditions set during test mode are retained.

Test Mode Procedure

① Without a cassette tape loaded in the deck, reset-start the unit from the all-OFF state, by switching the power ON while holding the [FM] key + [⏮] key depressed. This starts the unit in the test mode.

② Press the [AUTO] key while all LCD dots are lit to enter the S-RAM check mode.

③ Press the [SOURCE] key to start tuner reception in the FM band.

④ Press the [AM] key to select the AM band.

⑤ Switch the power OFF, switch ACC OFF and detach the panel. This quits the test mode. In this case, the setups of Volume, Loudness and other conditions set during the test mode are retained in memory just like status transitions in normal operation mode.

Note : In the test mode, the keys are valid in accordance with the status transition definitions.

List of test mode operation with each source

	All OFF	Tuner	Tape	CD-CH
Test mode operations with each source	LCD all ON, S-RAM check	*FM source Audio adjustment S-meter adjustment SD check	Audio adjustment	Audio adjustment
		*AM source Audio adjustment AM SD adjustment SD check		
Test mode operation keys	[AUTO]	[AUDIO ∨] [AUDIO ∧] [AM]	[AUDIO ∨] [AUDIO ∧]	[AUDIO ∨] [AUDIO ∧]

***Note** : The volume and loudness have been set as shown below before entering the test mode.
Volume : MAX (00dB), Loudness : OFF

CIRCUIT DESCRIPTION

FM Adjustment Mode

In the FM adjustment, set the antenna input to 20dBμ (no modulation) then ajust the semi-fixed resistor for the FM S-meter until the ◁▷ tape direction indicators light and PAUSE dot indicator lights.

FM S-meter level adjustment

Tape Direction	FM S-meter adjustment
◁▷	OK (19dBμ ~ 21dBμ)
◁	NG (Level < 19dBμ)
▷	NG (Level > 21dBμ)

FM band muting check (FM station detected/not check)

PAUSE dot indicator	FM band muting
ON	OK (FM station detected)
OFF	NG (FM station not detected)

AM Adjustment Mode

While the AM source is selected, the AGC CUT output remains ON while the [AM] key is held depressed. Therefore, with this condition, set the antenna input to 35dBμ (no modulation), then adjust the semi-fixed resistor for AM SD until the ◁▷ tape direction indicators light.

AM SD check (AM station detection check)

Tape Direction	AM SD check
◁▷	OK (AM station detected)
◁	NG (AM station not detected)

AM AGC output status

REP dot indicator	AM AGC output status
ON	ON (= Logic "H")
OFF	OFF (= Logic "L")

Audio adjustment

In the test mode, the Bass, Treble, Balance and Fader controls can be adjusted by operating the [^] and [v] audio adjustment keys as shown below.

Adjustment target values of each audio control item

Audio control item	Initial value	Audio adjustment keys ^, v		
Bass	Center 00	-08 (Min.)	Center 00	+08 (Max.)
Treble	Center 00	-08 (Min.)	Center 00	+08 (Max.)
Balance	Center 00	Lch emphasis (Rch Mute)	Center 00	Rch emphasis (Lch Mute)
Fader	Center 00	Rear emphasis (Front Mute)	Center 00	Front emphasis (Rear Mute)

S-RAM Check Mode

If other message than "S-RAM : OK" is displayed after the completion of the S-RAM check mode, there is a fault in a connection line in the address or data bus ports between the μ-com and S-RAM.

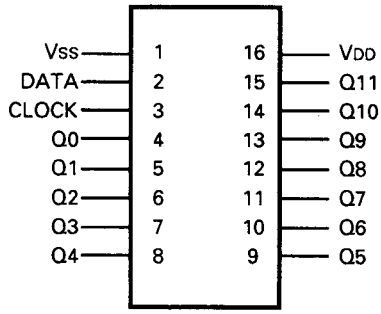
Message displayed after S-RAM check mode

Displayed message	Description
S-RAM : OK	Connection lines between μ-com and S-RAM are normal.
S-RAM : NG	Connection line fault (specially in $\overline{WR}$, $\overline{RD}$, AD13, AD14 or AD15).
S-RAM : ADXX	Address port connection line fault. (ON or near display port)
S-RAM : DBXX	Data bus port connection line fault. (ON or near display port)

CIRCUIT DESCRIPTION

IC3 : BU2090F (X14-)

• Pin connection

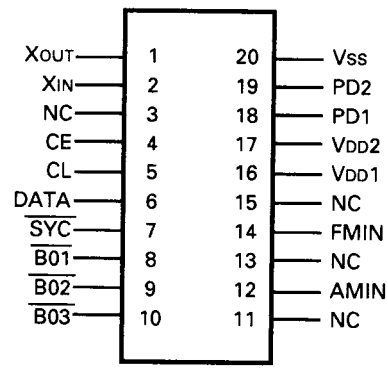


• Pin function

No.	Port name	Pin function	Function description	Logic L	Logic H
4	Q0	T/R	Tape or other source select	Tape	Other source
5	Q1	MTL	Metal tape select	Normal	Metal
6	Q2	DOLBY	Dolby NR	NR OFF	NR ON
7	Q3	MW/LW	AM BS control	MW	LW
8	Q4	MONO	Forced Mono	Normal reception	Forced Mono
9	Q5	LINH	Display	Display ON	Display OFF
10	Q6	ILL GR	Illmi green	Green ON	Green OFF
11	Q7	ILL AM	Illmi Amber	Amber ON	Amber OFF
12	Q8	DSI	DSI	DSI ON	DSI OFF
13	Q9	FM/AM	FM/AM circuit power	AM	FM
14	Q10	T ADV	Tape Advance plunger control	ON	OFF
15	Q11	MOTOR	Tape main Motor+B	ON	OFF

IC9 : LM7001M (X14-)

• Pin connection



• Pin function

No.	Port name	Pin function	Function description	Logic L	Logic H
8	B01	LOCAL	Local control	Local ON	Local OFF
9	B02	AFC	FM SEEK (Seek continues until PI code is established)	FM being received	During FM seek
10	B03		Not used. Outputs "H" permanently.		

CIRCUIT DESCRIPTION

IC1 : MSM6606GS-VK (X25-)

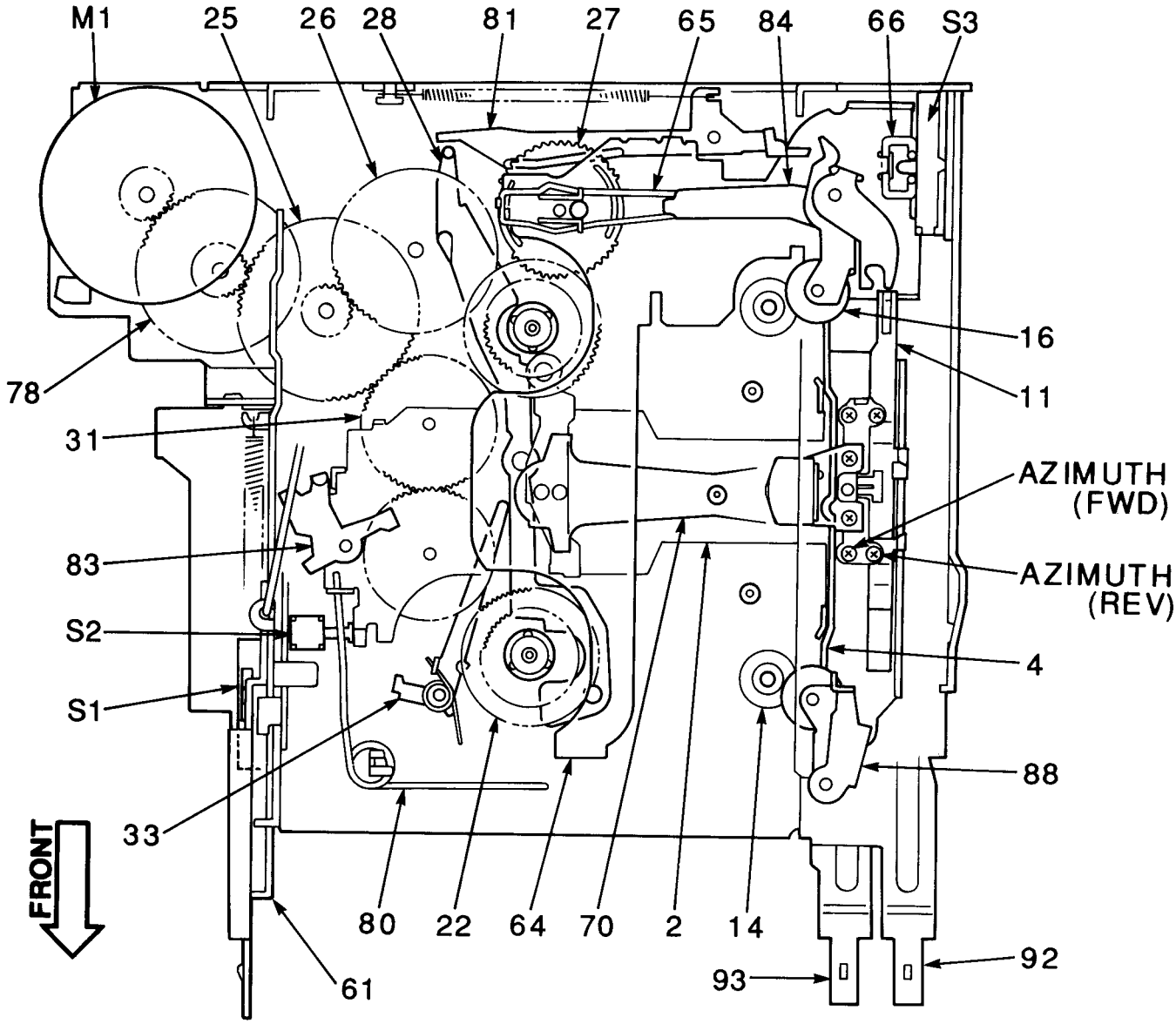
• **Key matrix**

Return \ Scan	$\overline{R0}$	$\overline{R1}$	$\overline{R2}$	$\overline{R3}$	$\overline{R4}$
$\overline{C0}$	AUDIO UP		FM	①	
$\overline{C1}$	AUDIO DOWN	SOURCE	PTY	②	
$\overline{C2}$	TUNE UP		DISP	③	
$\overline{C3}$	TUNE DOWN	AUTO		④	
$\overline{C4}$	RDS	AM	TI	⑤	
$\overline{C5}$	AUDIO	ATT	LO.S	⑥	

• **Pin layout**

Pin No.	41	42	43	44	45	46	47	48	49	50	51
Pin name	$\overline{C0}$	$\overline{C1}$	$\overline{C2}$	$\overline{C3}$	$\overline{C4}$	$\overline{C5}$	$\overline{R0}$	$\overline{R1}$	$\overline{R2}$	$\overline{R3}$	$\overline{R4}$

MECHANISM OPERATION DESCRIPTION



MECHANISM OPERATION DESCRIPTION

LOADING

1. Insert a cassette tape (❶).

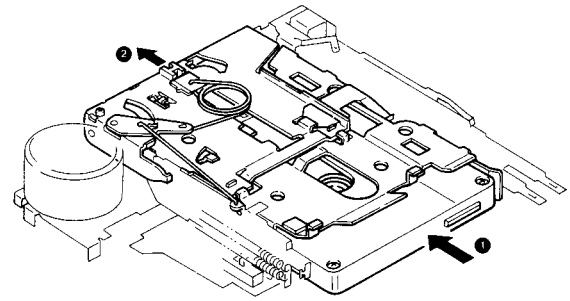


Fig. 1

2. The pack slider (50) presses the lever (49) (❷).
3. The lever (49) rotates and the push plate (58) lock releases. The push plate is pulled by spring (59) and moves forward (❸).

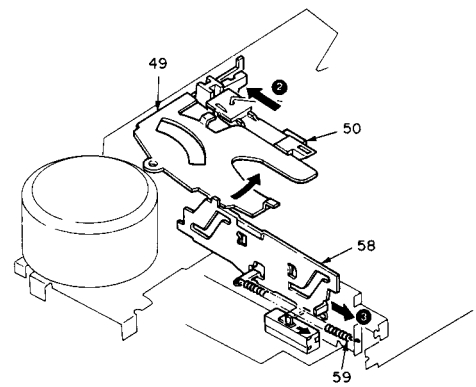


Fig. 2

4. The holder (48) lowers following the groove in the push plate (58) (❹).
5. The slide switch (S1) is pressed by the push plate (58) and turns ON. When S1 turns ON, current is supplied to the motor (M1) (❺).

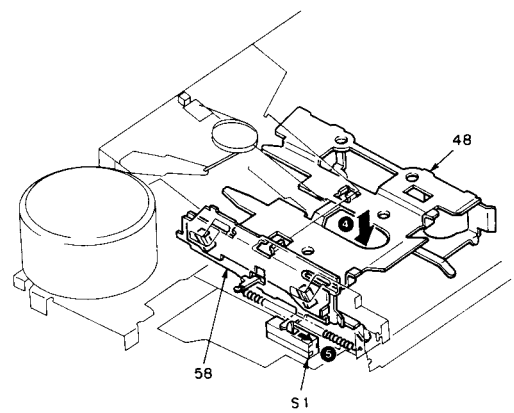


Fig. 3

MECHANISM OPERATION DESCRIPTION

6. The push arm (83) is pressed by the push plate (58) and rotates. The push arm (83) releases the head plate (2) lock (❻).
7. The head plate (2) is pulled forward by the spring (80) (❼).

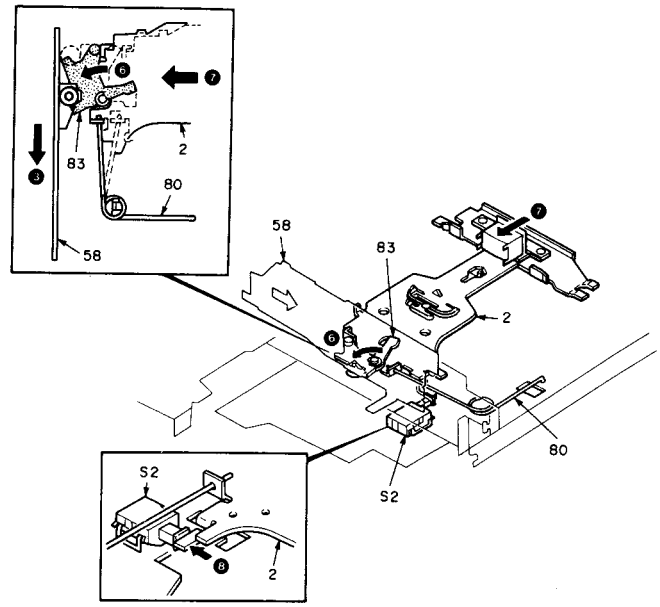


Fig. 4

8. The forward movement of the head plate (2) causes the push switch (S2) to turn ON (❽).
9. Through the forward movement of the head plate (2), the PR spring (4) causes the pinch roller assembly (16, 17) to press against the capstan assembly (74) (❾).

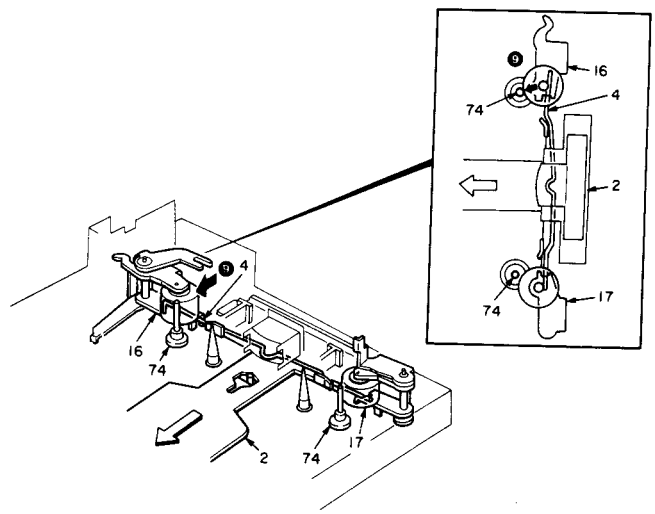


Fig. 5

10. The rotation of the motor is transmitted through various gears (78 → 25 → 31 → 6 →) to drive the winding side reel disk assembly (22) (❿).
11. The sending side reel disk assembly (22) is not driven by the motor rotation because it is separated from the play gear (6) (⓫).

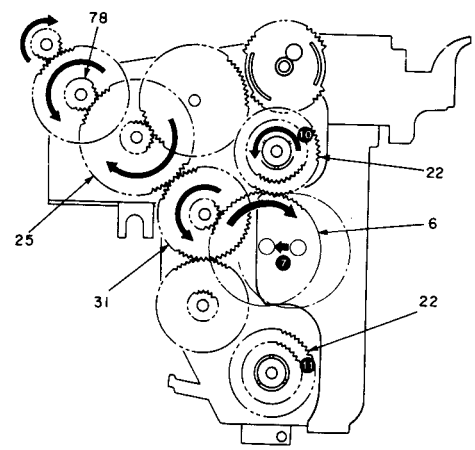


Fig. 6

MECHANISM OPERATION DESCRIPTION

PROGRAM (Manual Program Change)

1. When pressing FF/REW (92 and 93) levers at the same time (❶), the levers are placed into a slot on the PC (Play Change) plate (94) in direction of arrow (❷) in Fig.7.
2. The PC plate (94) moves in the direction of arrow (❸), trigger arm (81) is kicked in the direction of arrows (❹) and (❺), thereby releasing the turn-over gear (27).
3. The turn-over gear (27) is rotated in the direction of arrow (❻) by ED (End Detector) gear (26), which moves main plate (64).

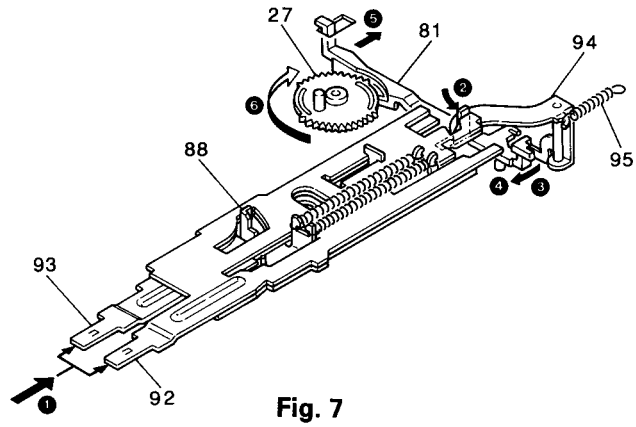


Fig. 7

4. The main plate (64) slides in direction of arrow (❼) in Fig.8 causing the following part movements;
   a) Head switch (10) movement is changed per arrow (❽).
   b) Force transferred from pinch roller spring (4) changes the relation of pinch roller and capstan to each other, per arrow (❾).
   c) Seesaw plate (20) is moved by the main plate and seesaw plate spring (65), and moves seesaw working plate (84). All FF/REW operation is performed by this seesaw plate movement. See arrow (❿).

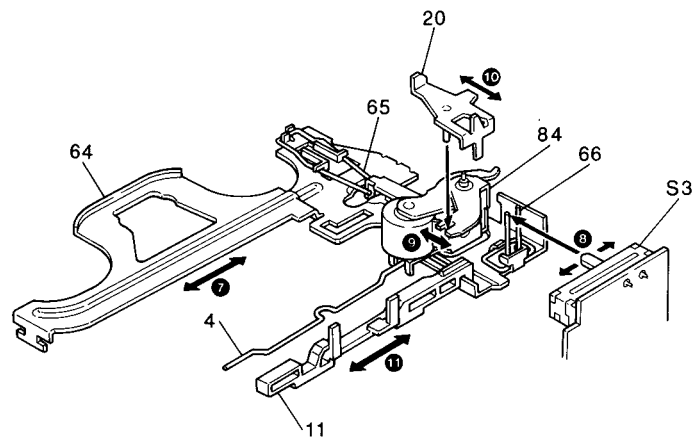


Fig. 8

   d) The shift plate (11) is moved in direction of arrow (⓫), and head moves up and down per arrows (⓬ , ⓭ and ⓮) in Fig.9.

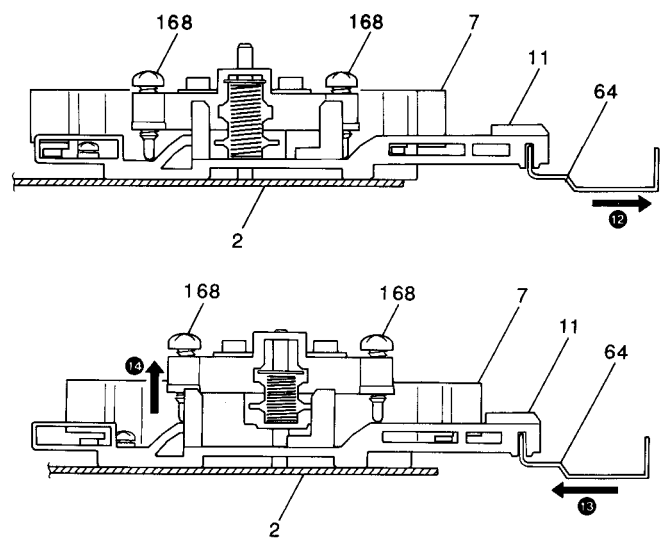


Fig. 9

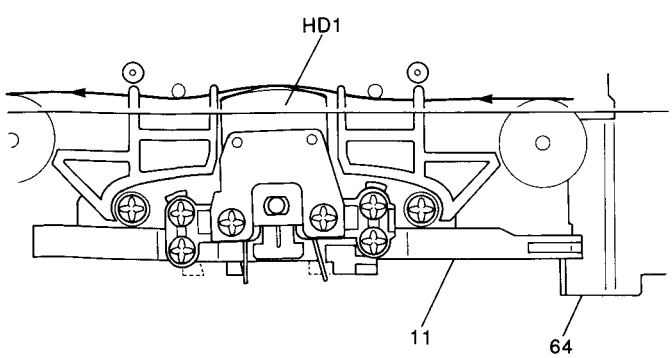


Fig. 10

MECHANISM OPERATION DESCRIPTION

e) The play gear metal (5) is engaged, per arrows (⑮) and (⑯) in Fig.11. Then play gear (6) is connected to take-up reel assembly (22) on forward side in FWD play, and connected to the other take-up reel assembly in REV play. Rotation from the play clutch (31) is transferred to take-up reel assembly per arrows (⑰) and (⑱) in Fig.11.
As mentioned above, the direction in play mode can be changed. During play mode active, the head panel is moved backward by head panel return arm (88) in direction of arrow (⑲) in Fig.11. The Mute switch (S2) is turned on per arrow (⑳), and play mode is not reversed while FF/REW levers are pushed by operation of anti-reverse arm (33). See Fig.12.

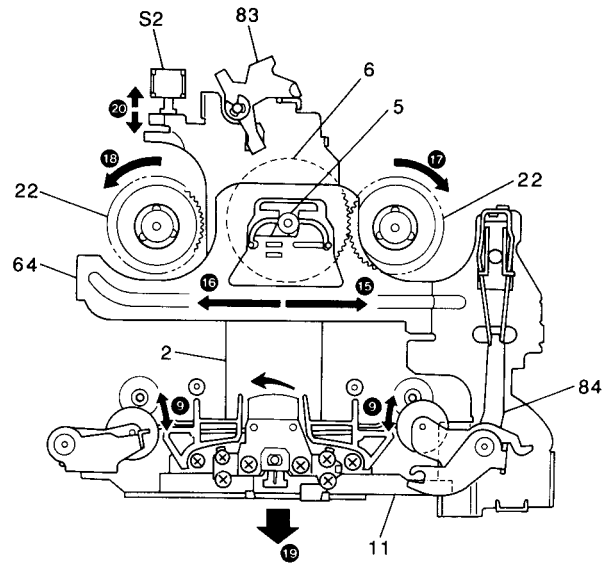


Fig. 11

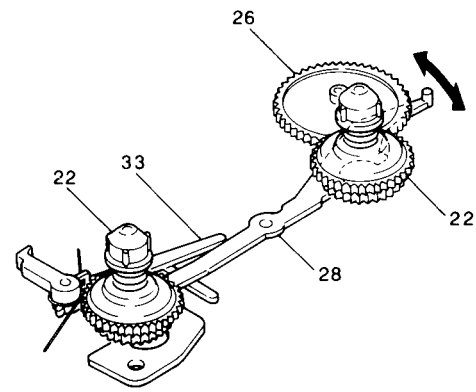


Fig. 12

MECHANISM OPERATION DESCRIPTION

FF

1. Press the FF lever (92) (❶).
2. The return arm (88) is pushed by the FF lever (92) and rotates (❷).
3. The head plate (2) is pulled by the return arm (88) and moves back (❸).
4. The seesaw plate (20) is pushed by the FF lever (92) and rotates (❹).

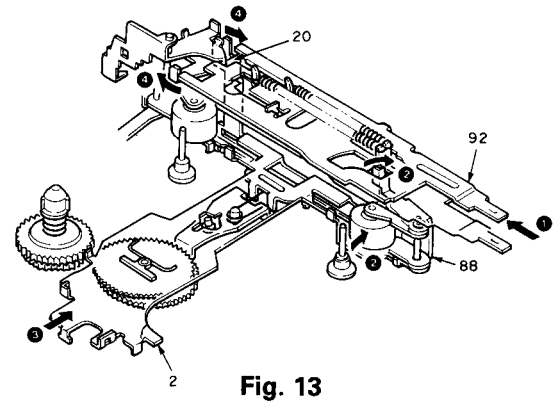


Fig. 13

5. The FR slide plate (86) is pulled by the seesaw plate (20) and moves forward (❺).
6. The working plate (70) is pulled by the FR slide plate (86), and the FR gear (71) engages with the clutch assembly (31) and winding side reel disk assembly (22) (❻).
7. The FF lever (92) is locked by the lock plate (96) (❼).

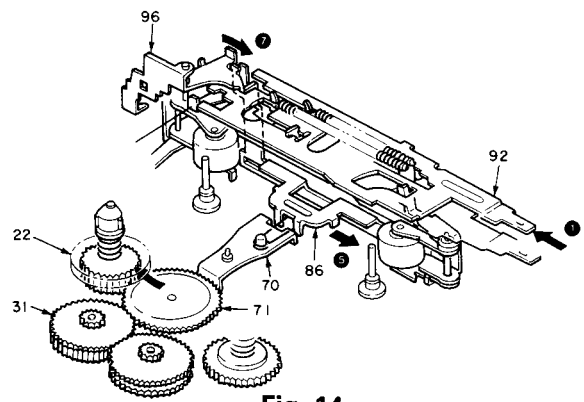


Fig. 14

MECHANISM OPERATION DESCRIPTION

8. If the REW lever (93) is pressed, the lock plate (96) rotates, the FF lever (92) lock is released and the deck enters play mode (❽).

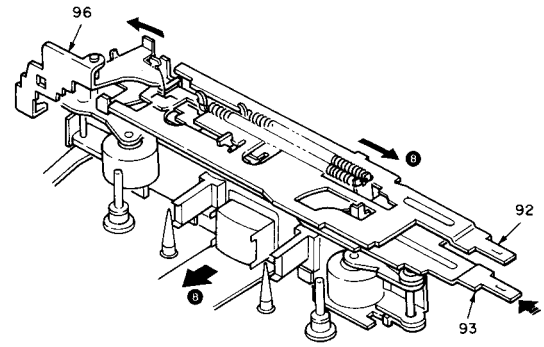


Fig. 15

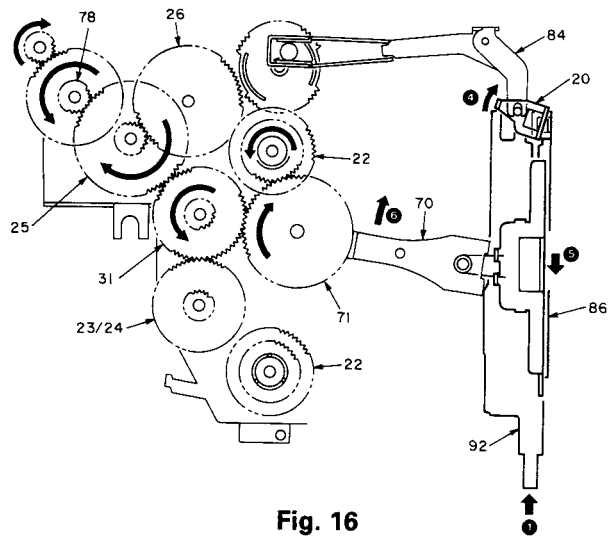


Fig. 16

MECHANISM OPERATION DESCRIPTION

REW

1. Press the REW lever (93) (❶).
2. The return arm (88) is pushed by the REW lever (93) and rotates (❷).
3. The head plate (2) is pulled back by the return arm (88) and moves back (❸).
4. The seesaw plate (20) is pushed by the REW lever (93) and rotates (❹).

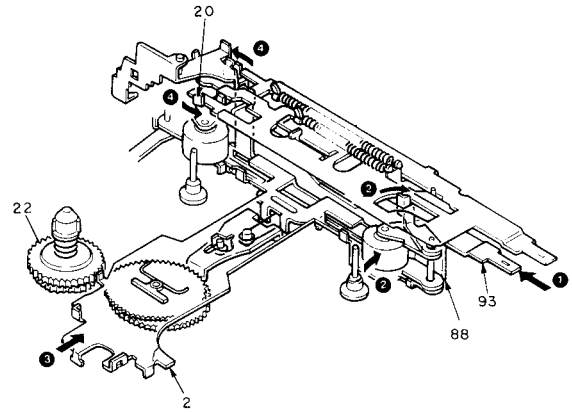


Fig. 17

5. The RF slide plate (86) is pushed by the seesaw plate (20) and moves backward (❺).
6. The working plate (70) is pulled by the RF side plate (86), and the FR gear (71) engages with the sending side reel disk assembly (22) and F gear (24) (❻).
7. The REW lever (93) is locked by the lock plate (96) (❼).

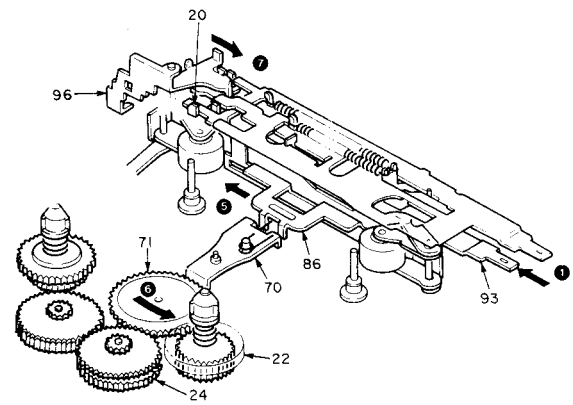


Fig. 18

8. If the FF lever (92) is pressed, the lock plate (96) rotates, the REW lever (93) lock is released and the deck enters play mode (❽).

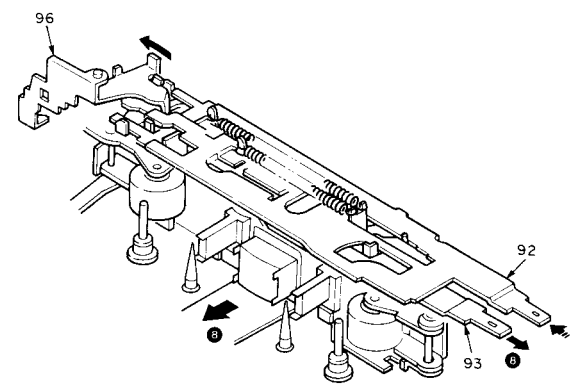
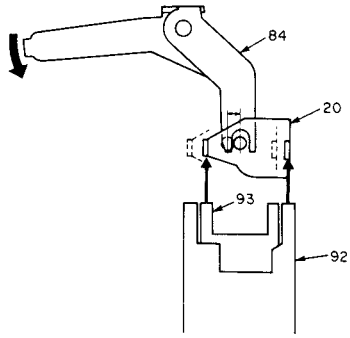


Fig. 19

MECHANISM OPERATION DESCRIPTION

Note : During reverse play, since the seesaw working plate (84) moves the center of the seesaw plate (20) to the right, pressing the FF lever activates the rewind operation and pressing the REW lever activates the fast-forward operation.



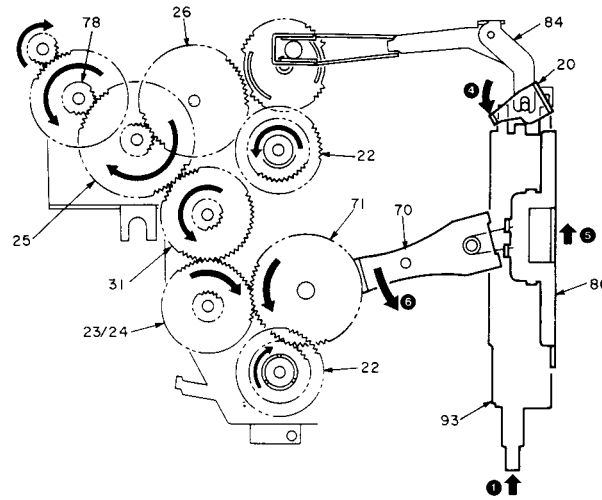


Fig. 20

AUTO REVERSE

1. When the end of the taps is reached during playback and the reel disk assembly (22) stops rotating, the ED plate (28) is pushed by the ED gear (26) (❶).
2. The ED gear (26) rotates and the boss pushes the ED plate (28) further (❷).
3. The ED plate (28) pushes the trigger arm (81) (❸).
4. The trigger arm (81) releases the reverse gear (27) lock (❹). (The "program" operation starts.)

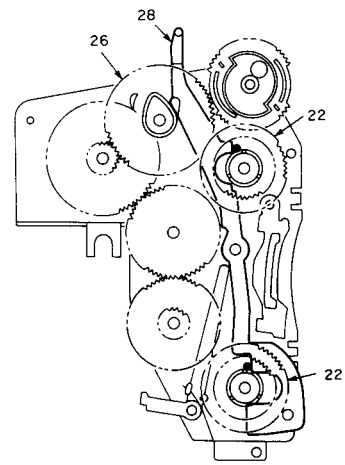


Fig. 21

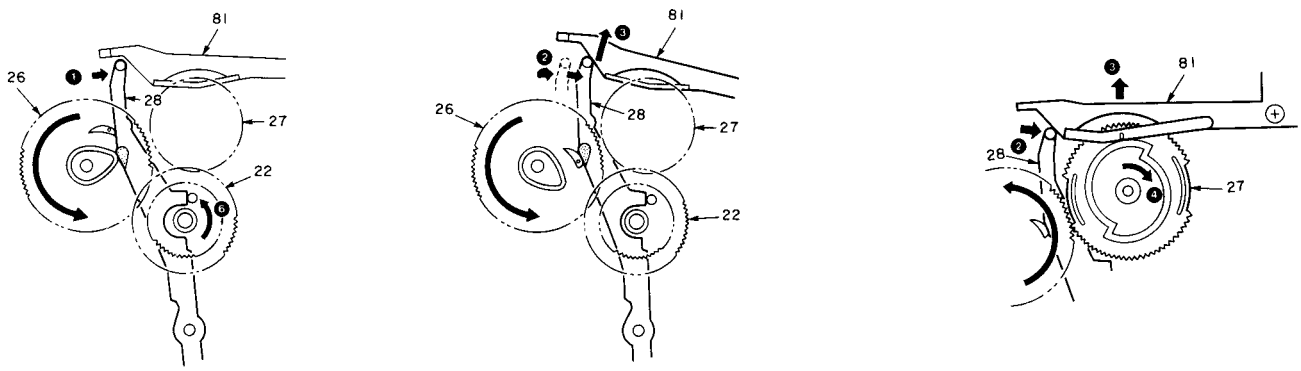


Fig. 22

MECHANISM OPERATION DESCRIPTION

5. In the same way, during FF and REW, the ED plate operates when the tape end is reached, When the plate (64) moves (❼), the lock plate (96) rotates (❽) and the FF/REW lever is released, causing the deck to enter play mode (❾).

6. The pin at the lower side of the reel disk assembly (22) resets the ED plate (28) (❻).

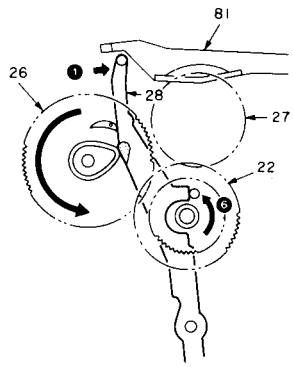


Fig. 24

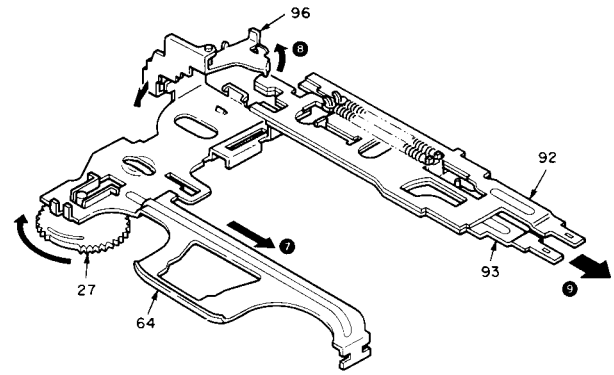


Fig. 23

EJECT

1. Press the EJ lever (61) (❶).
2. The push plate (58) is pushed by the EJ lever (61) and rotates the push arm (83) (❷).
3. The push arm (83) moves the head plate (2) back (❸).
4. The EJ lever (61) moves the rod (52) and rotates the PE plate (44) (❹).

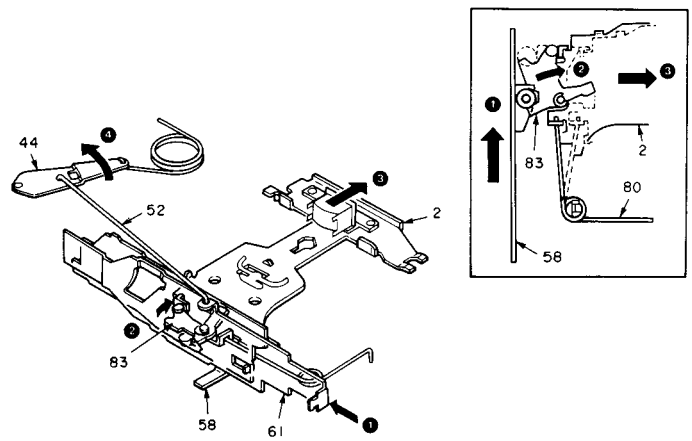


Fig. 25

5. The holder (48) moves up following the push plate (58) groove (❺).
6. The PE plate (44) turns the reverse spring (47) over and pushes out the pack slider (50) (❻).

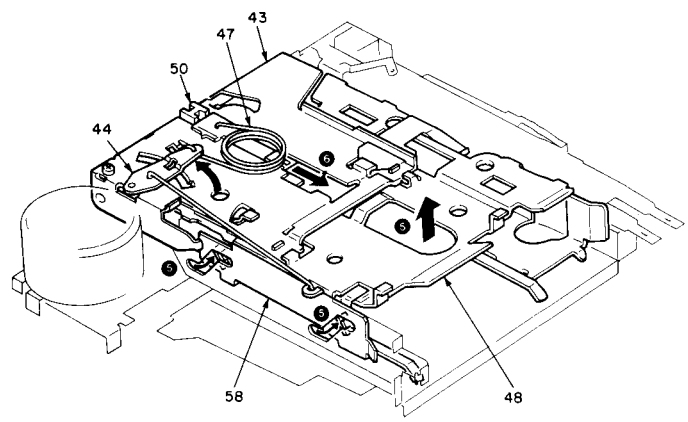


Fig. 26

ADJUSTMENT

Set the controls and switches as follows.

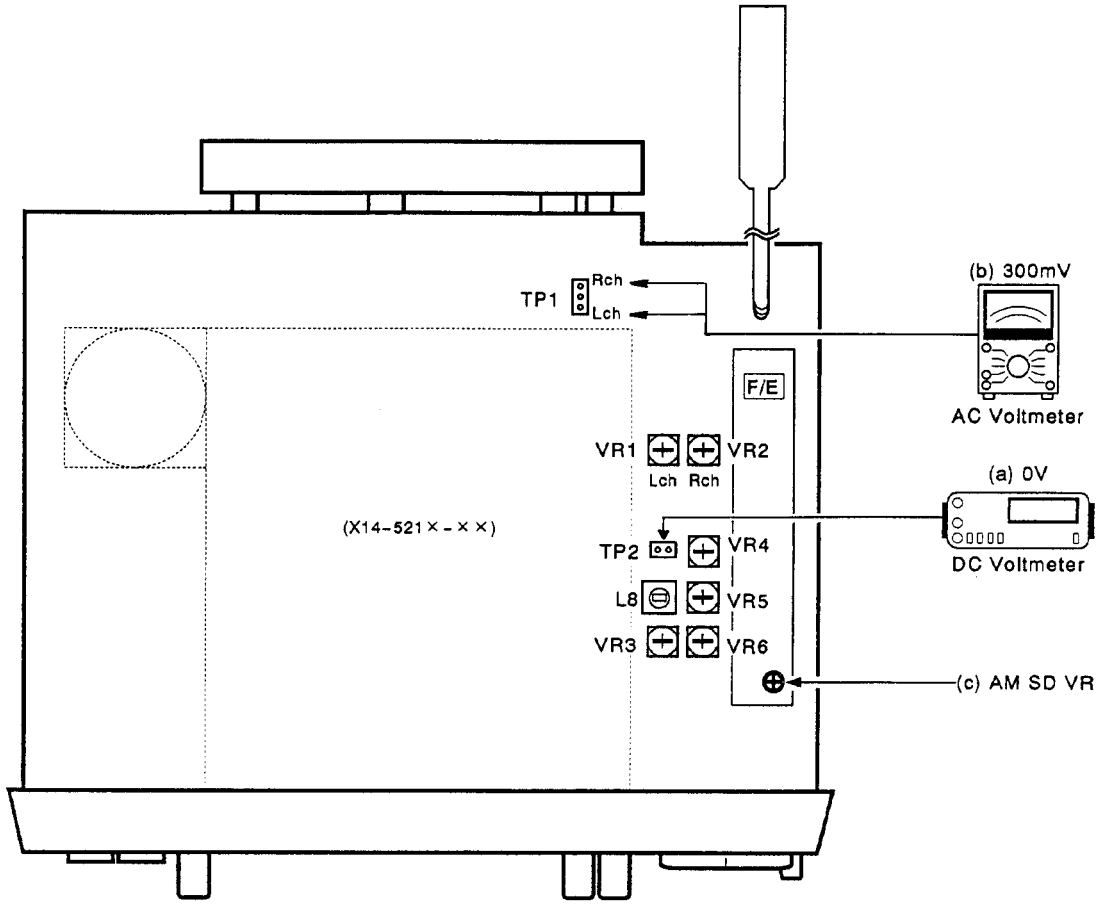
BALANCE	:center position	LOUD	:OFF	LOCAL	:OFF
FADER	:center position	T・ADV	:OFF	AUTO	:OFF
BASS	:center position	METAL	:OFF		
TREBLE	:center position	DOLBY NR	:OFF		

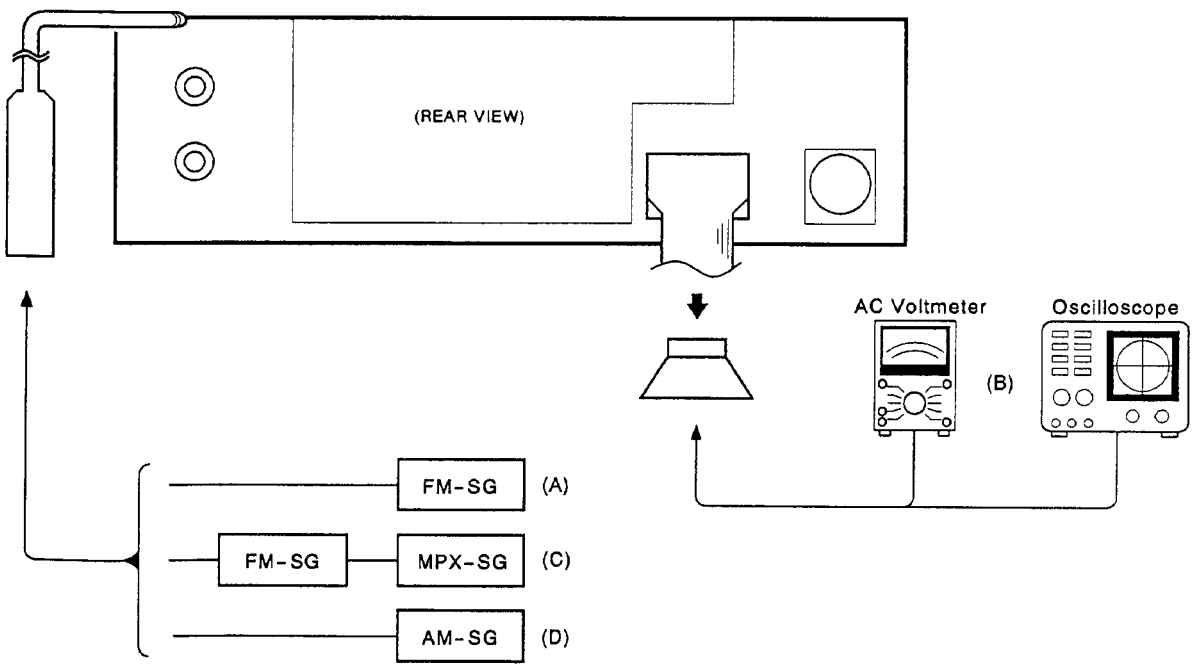
No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER)	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRI-MINATOR	(A) 98.1MHz 0dev 60dBμ (ANT input)	Connect a DC voltmeter to TP2	FM 98.1MHz	L8	0V	(a)
2	SOFT MUTE LEVEL	(A) 98.1MHz 1kHz, ±40kHz dev 60dBμ →No input	(B)	FM 98.1MHz	VR4	Assuming that the output is 0dB with an input of 60dBμ ,ajust so that the output level is -25dB.	
3	SEPARATION	(C) 98.1MHz 1kHz, ±40kHz dev Pilot: ±6kHz dev Selector:L or R 60dBμ (ANT input)	(B)	FM 98.1MHz	VR3	Adjust it so that the crosstalk from L to R and R to L become minimum.	
4	ANRC	(C) 98.1MHz 1kHz, ±40kHz dev Pilot: ±6kHz dev Selector:L or R 35dBμ (ANT input)	(B)	FM 98.1MHz	VR5	Separation 10dB	
5	SIGNAL METER (STOP LEVEL)	(A) 98.1MHz 0 dev 20dBμ (ANT input)	TEST MODE : ON	FM 98.1MHz	VR6	Adjust so that the "◀ ▶" indicator in the front panel are lit. Only "◀" is lit : Too low Only "▶" is lit : Too high	
AM SECTION							
(1)	SIGNAL METER (STOP LEVEL)	(D) 999 kHz 0% mod 35dBμ (ANT input)	TEST MODE : ON	AM 999 kHz	AM SD VR (IN F/E) (TU1)	Adjust so that the "◀ ▶" indicator in the front panel are lit. Only "◀" is lit : Too low Only "▶" is lit : Too high	(c)
CASSETTE DECK SECTION							
[1]	AZINUTH	MTT-114 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azinuth for each L ch / R ch or FWD /RVS becomes maximum	
[2]	PLAYBACK LEVEL	MTT-150	Connect an AC voltmeter to TP1	TAPE PLAY	VR1 (L) VR2 (R)	300mV	(b)

*Test mode : Turn power ON while holding the [FM] and [⏮] keys depressed. (All of the LCD elements light.)
Then, press the [SOURCE] key or [AM] key.

To quit : Power OFF.

ADJUSTMENT


TP1
Rch
Lch
(b) 300mV
AC Voltmeter
F/E
VR1
VR2
Lch Rch
(a) 0V
DC Voltmeter
(X14-521×-××)
TP2
VR4
L8
VR5
VR3
VR6
(c) AM SD VR

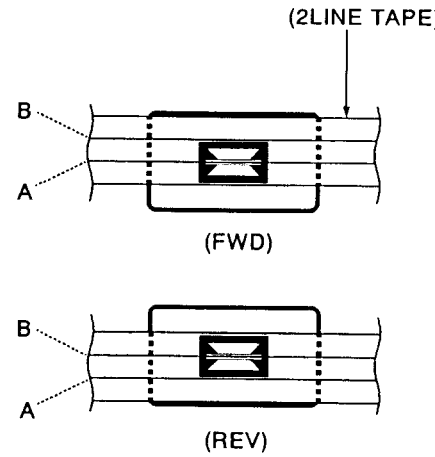

(REAR VIEW)
AC Voltmeter
Oscilloscope
(B)
FM-SG
(A)
FM-SG
MPX-SG
(C)
AM-SG
(D)

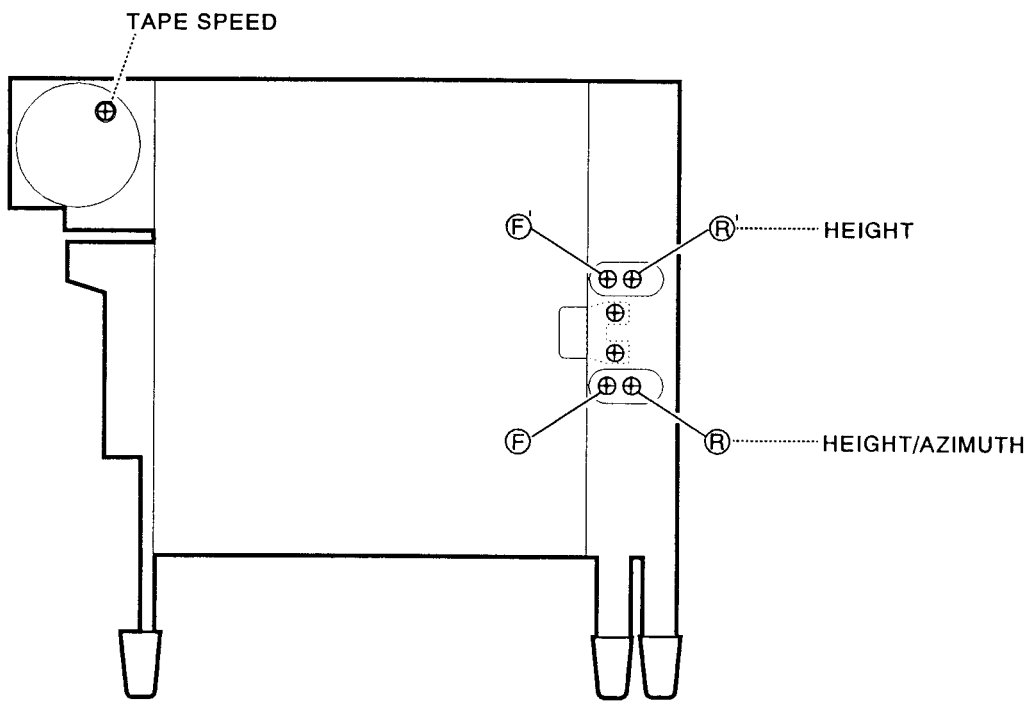
ADJUSTMENT

Head Angle Adjustment

Head height alignment procedure (type D)

- During FWD transport, adjust screws Ⓕ and Ⓕ' so that line A of 2-line tape passes trough the center of the head shield plate (white section).
- During REV transport, adjust screws Ⓡ and Ⓡ' so that line B of 2-line tape passes trough the center of the head shield plate (white section).
- After the alignment above, reverse the transport direction and check the FWD alignment again. If it is deviated, perform alignment again. (Tape used : SCC-1659, manufacured by A-BEX)

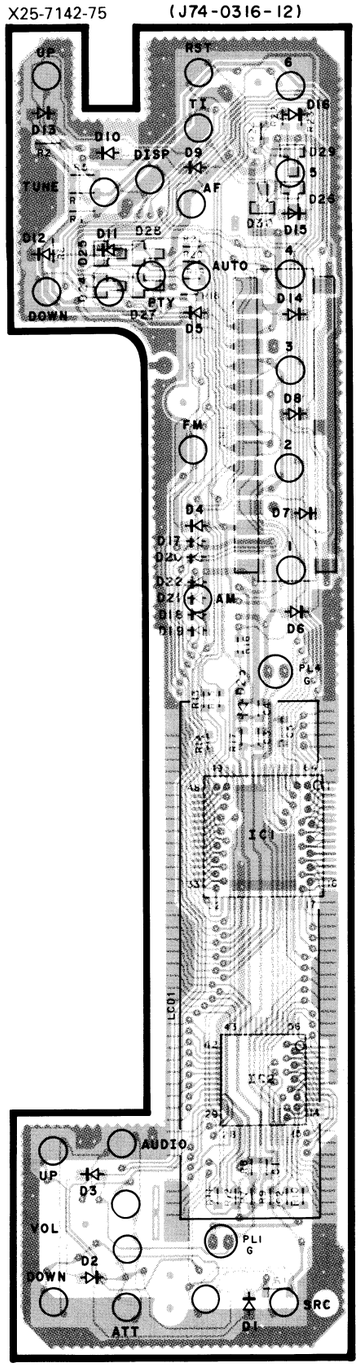




PC BOARD (COMPONENT SIDE VIEW)

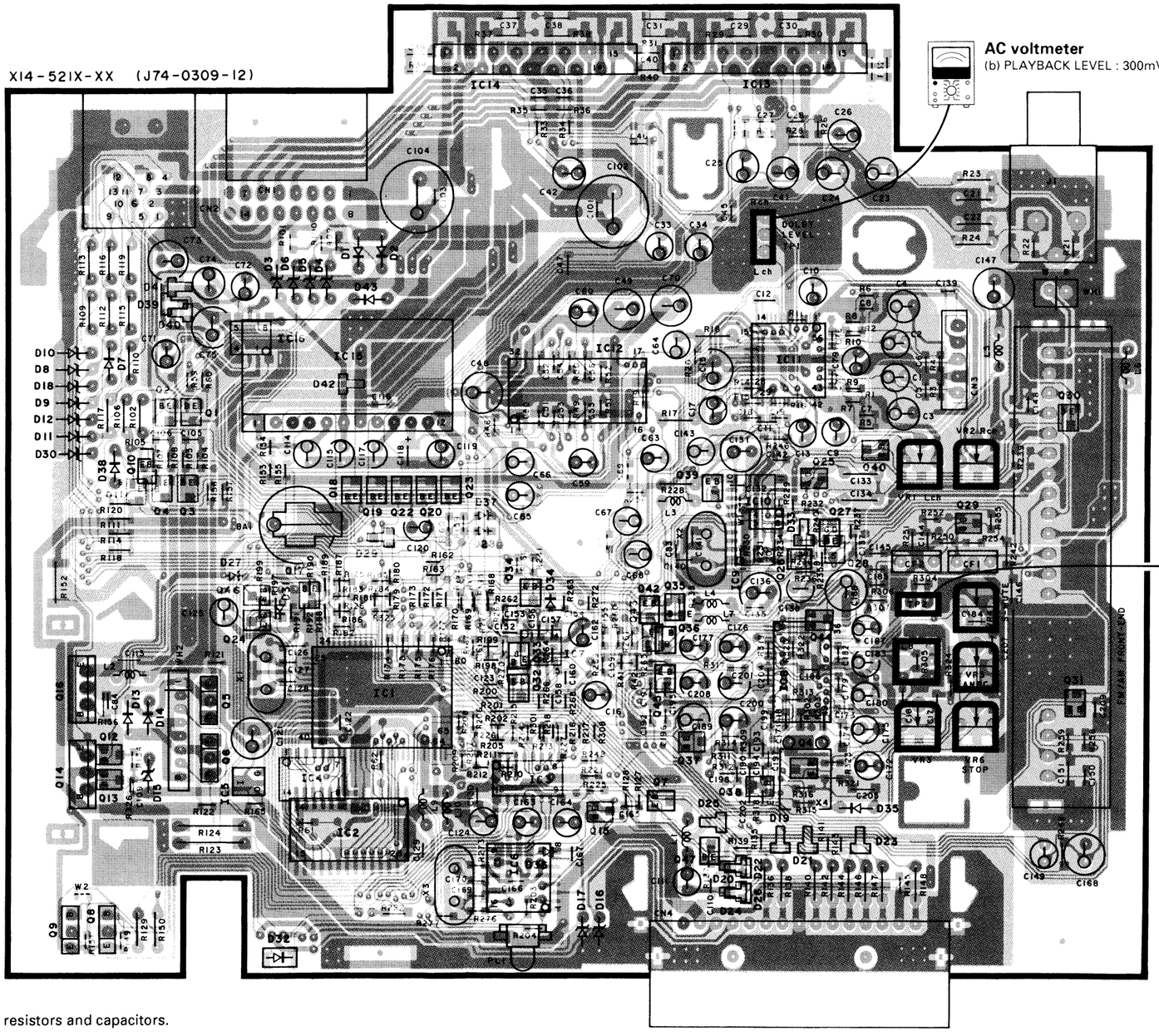
SWITCH UNIT (X25-7142-75)

X25-7142-75 (J74-0316-12)



SYNTHESIZER UNIT (X14-5212-XX) -73 : 555R, -74 : 555RL

X14-521X-XX (J74-0309-12)



X14-5212-XX		
IC	Q	Address
1		5E
2		6E
3		6F
4		6E
5		6D
6		6F
7		5F
8		5G
9		5G
10		5G
11		4G
12		4F
13		2G
14		2F
15		4E
	3	4D
	4	4D
	5	5D
	6	6D
	7	6F
	10	4D
	11	4D
	12	6D
	13	6D
	14	6D
	15	6F
	16	5D
	17	5E
	18	4E
	19	4E

X14-5212-XX		
IC	Q	Address
	20	4E
	23	4E
	24	5D
	25	4G
	26	5G
	27	5G
	28	5G
	29	5H
	30	4H
	31	5I
	32	5F
	33	5F
	34	5F
	35	5F
	36	5F
	37	6G
	38	6G
	39	4G
	40	4G
	41	6G
	42	5F
	43	5F
	44	5G
	45	5F
	46	5D
	47	6G

X25-7142-75		
IC	Q	Address
1		5B
2		6B

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

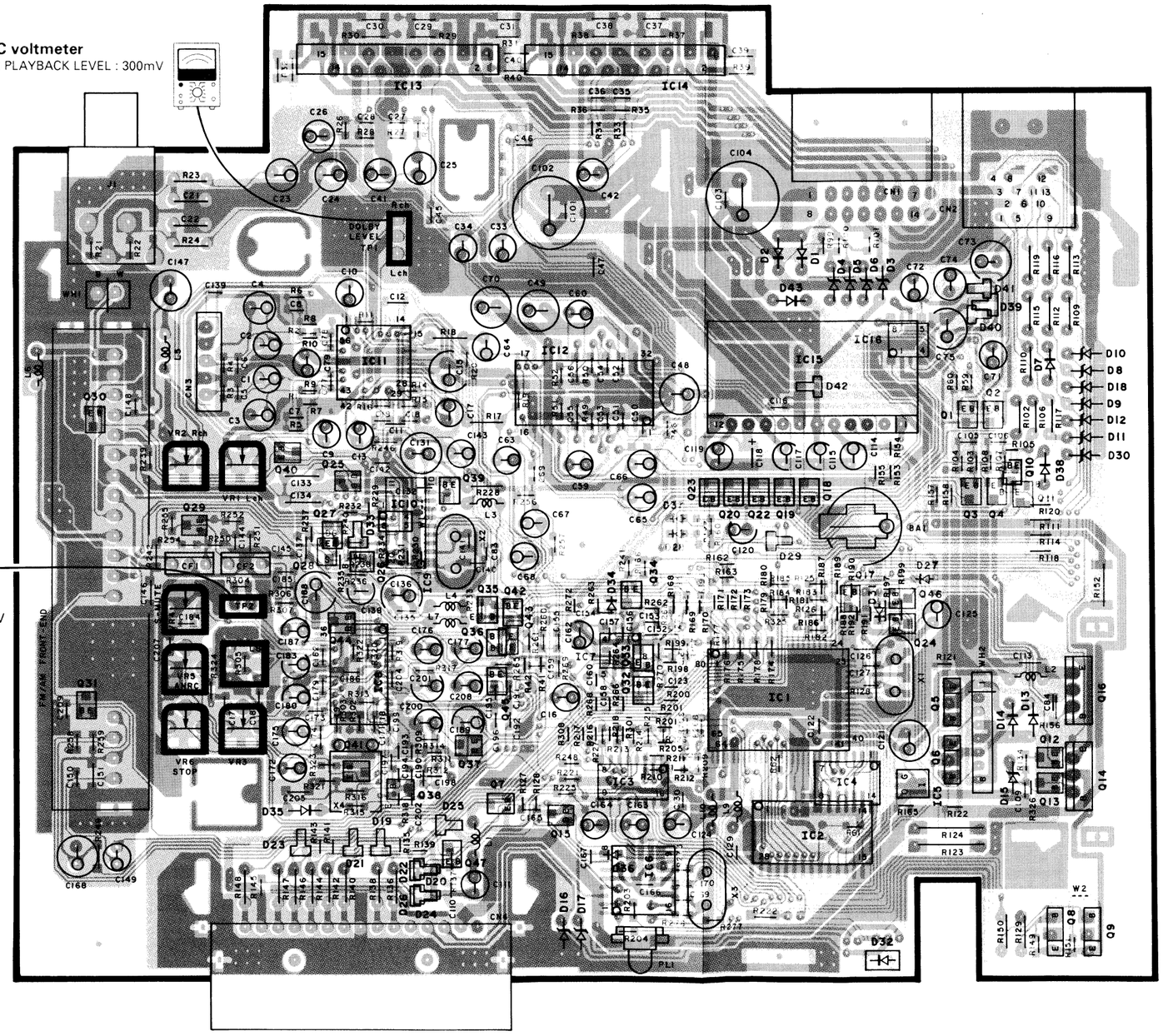
X14-5212-XX		
IC	Q	Address
1		5P
2		6P
3		6O
4		6P
5		6Q
6		6O
7		5O
8		5N
9		5N
10		5N
11		4N
12		4O
13		2N
14		2O
15		4P
	3	4Q
	4	4Q
	5	5Q
	6	6Q
	7	6O
	10	4Q
	11	4Q
	12	6Q
	13	6Q
	14	6Q
	15	6O
	16	5Q
	17	5P
	18	4P
	19	4P

X14-5212-XX		
IC	Q	Address
	20	4P
	23	4P
	24	5Q
	25	4N
	26	5N
	27	5N
	28	5N
	29	5M
	30	4M
	31	5L
	32	5O
	33	5O
	34	5O
	35	5O
	36	5O
	37	6N
	38	6N
	39	4N
	40	4N
	41	6N
	42	5O
	43	5O
	44	5N
	45	5O
	46	5Q
	47	6N

X25-7142-75		
IC	Q	Address
1		5B
2		6B

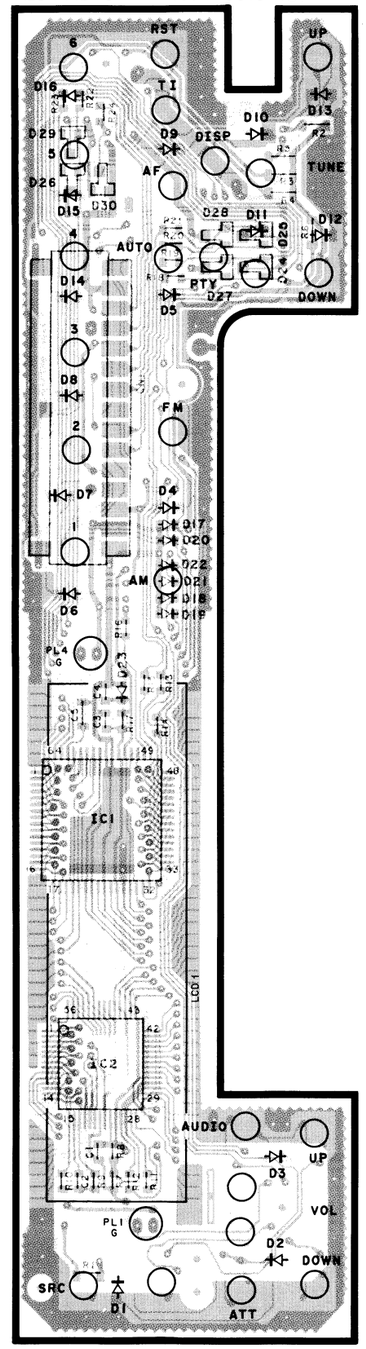
SYNTHESIZER UNIT (X14-5212-XX) -73 : 555R, -74 : 555RL

X14-521X-XX (J74-0309-12)



SWITCH UNIT (X25-7142-75)

X25-7142-75 (J74-0316-12)



Refer to the schematic diagram for the values of resistors and capacitors.

(X14-521X-XX)

MECHA. ASSY (D40-1054-05)

IC6 :SAA6579T
IC7 :NJM4565M
IC8 :LA1862M
IC9 :LM7001M
IC10 :TC4W66F
IC11 :HA12163FP
IC12 :TEA6320T
IC13,14 :AN7190K
IC15 :BA3913-V4

Q3,4,10,34,38,41,44
:2SC2412K
Q5,6 :2SA1428
Q11,31,32,35,39,40,42,47
:DTA144EK
Q16 :2SD2396
Q17 :DTB123YK
Q18~20,23,26,30,37,43
:XDC144EK or DTC144EK
Q25,28 :2SK536
Q27 :2SA1037K
Q29 :2SC2413K
Q33,36,45 :DTC114TK

D1~3,13,14,43 :AM01Z or ERA15-01
D4 :UZL-6(L3)
D5,6 :UZL-7(L3)
D27,28,34,37 :1SS355
D29,42 :1SS184
D33 :DA204K
D35,38 :1SS133

2SB1565
2SD2396

DTA124EK XDC144EK
DTA144EK 2SA1036K
DTB123YK 2SA1037K
DTC114TK 2SC2412K
DTC144EK 2SC2413K
XDA124EK

2SA1428

NJM4565M

2SK536

LC3564QM-10

BU2090F
SAA6579T

TC74HC02AF

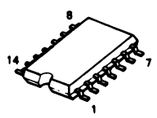
LM7001M

M38067M8D123FP

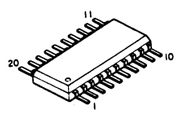
HA1216

IC15 AVR
REGULATOR
PROTECTION
VSHIFT
IC6 RDS
IC7 NOISE DET.
NOISE AFC SW
CRSC SW
IC12 E. VOL.
IC8
IC9 P.L.L.
IC10 LPF T.SW
5V SW
STBY. SW
MUTE DR
ACC. DET.
SURGE DET
BU. DET.
FM Vt
AM Vt
AFC
MONO.
DISCRI
SEP.
SOFT MUTE
BUFF
ANRC
FM SD
AFC SW
PON 5V
FM+B
AM+B
B.U

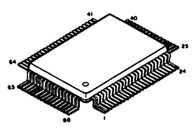
TC74HC02AF



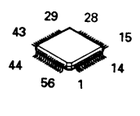
LM7001M



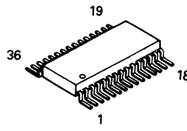
M38067M8D123FP



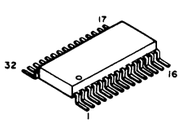
HA12163FP



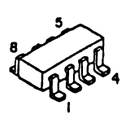
LA1862M



TEA6320T



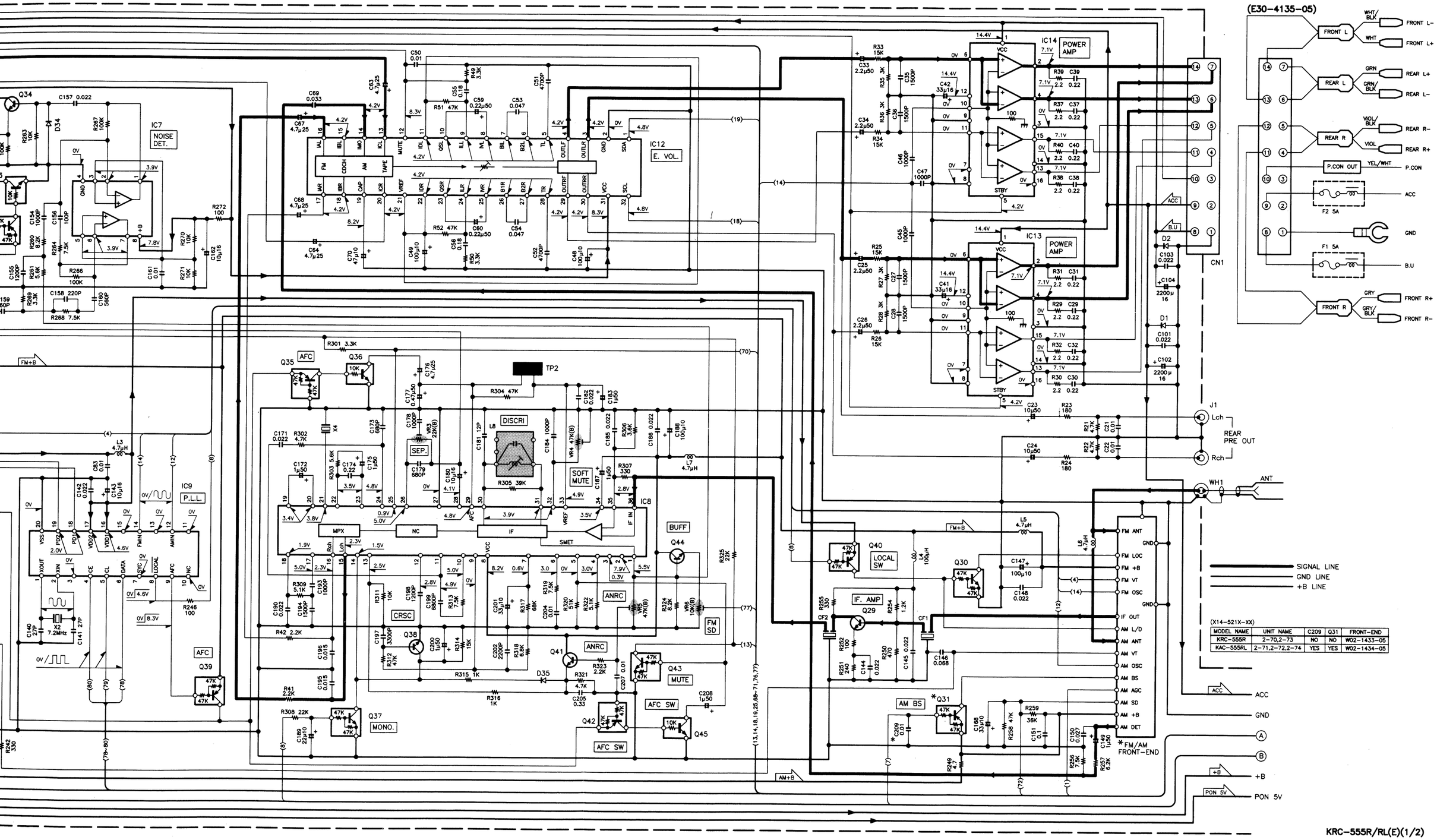
TC4W66F



CAUTION : For continued safety, replace safety critical
list). ⚠ Indicates safety critical components. To reduce the ris
out (exposed parts are acceptably insulated from the supply

- DC voltages are as measured with a high impedance voltm
or/and units.

4119

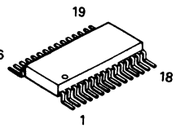


(X14-521X-XX)

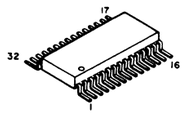
MODEL NAME	UNIT NAME	C209	Q31	FRONT-END
KRC-555R	2-70,2-73	NO	NO	W02-1433-05
KAC-555RL	2-71,2-72,2-74	YES	YES	W02-1434-05

KRC-555R/RL(E)(1/2)

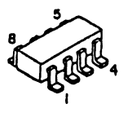
LA1862M



TEA6320T



TC4W66F



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

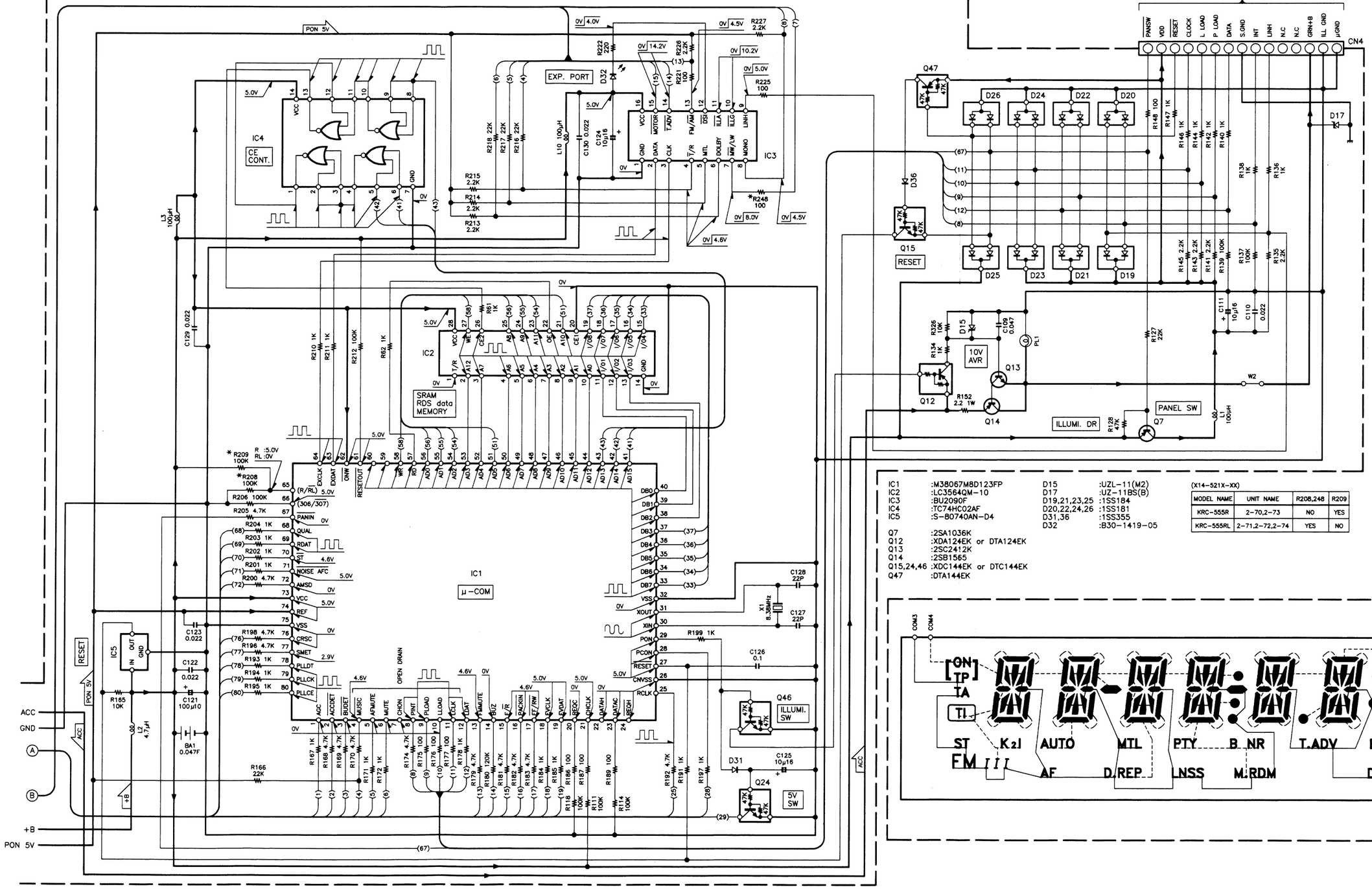
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Y36-1902-70

KRC-555R/RL

KENWOOD

(X14-521X-XX)

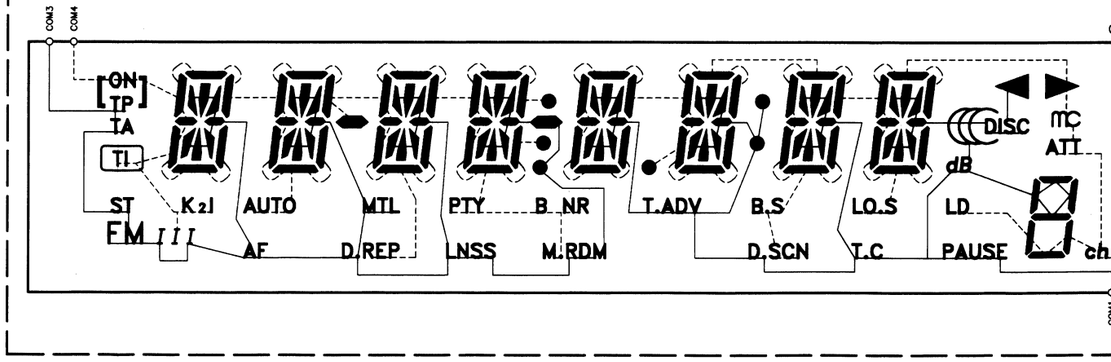


IC1	:M38067M8D123FP
IC2	:LC3564QM-10
IC3	:BU2090F
IC4	:TC74HC02AF
IC5	:S-80740AN-D4
Q7	:2SA1036K
Q12	:XDA124EK or DTA124EK
Q13	:2SC2412K
Q14	:2SB1565
Q15,24,46	:XDC144EK or DTC144EK
Q47	:DTA144EK
D15	:UZL-11(M2)
D17	:UZ-11BS(B)
D19,21,23,25	:1SS184
D20,22,24,26	:1SS181
D31,36	:1SS355
D32	:B30-1419-05

(X14-521X-XX)

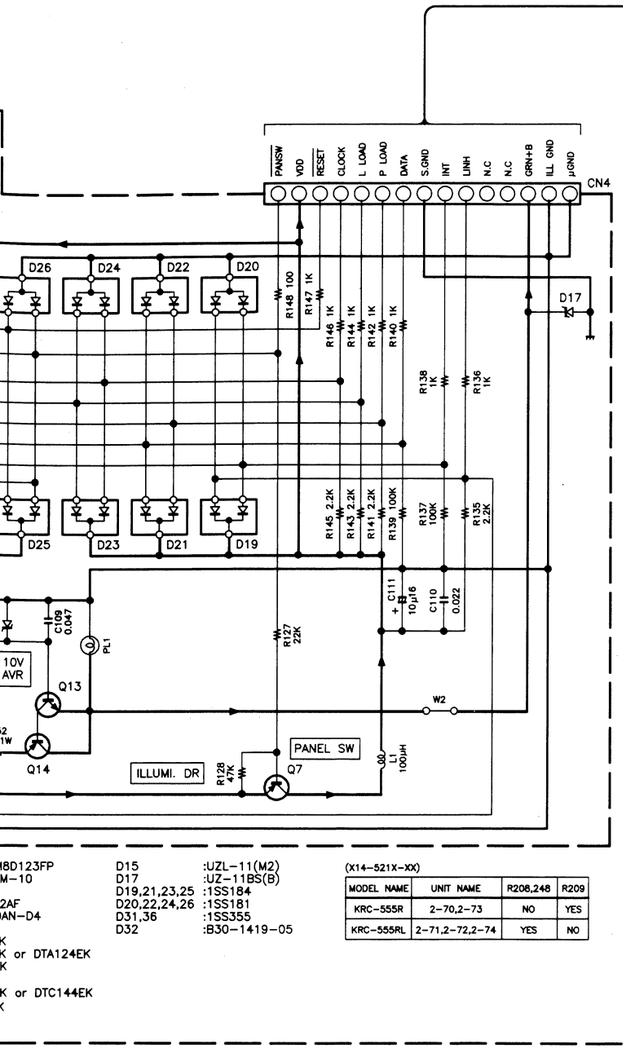
MODEL NAME	UNIT NAME	R208,248	R209
KRC-555R	2-70,2-73	NO	YES
KRC-555RL	2-71,2-72,2-74	YES	NO

(X25-7142-73)



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

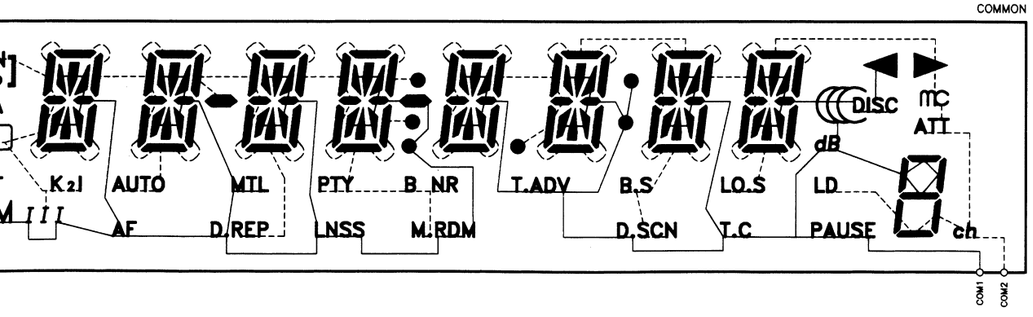
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instr or/and units.



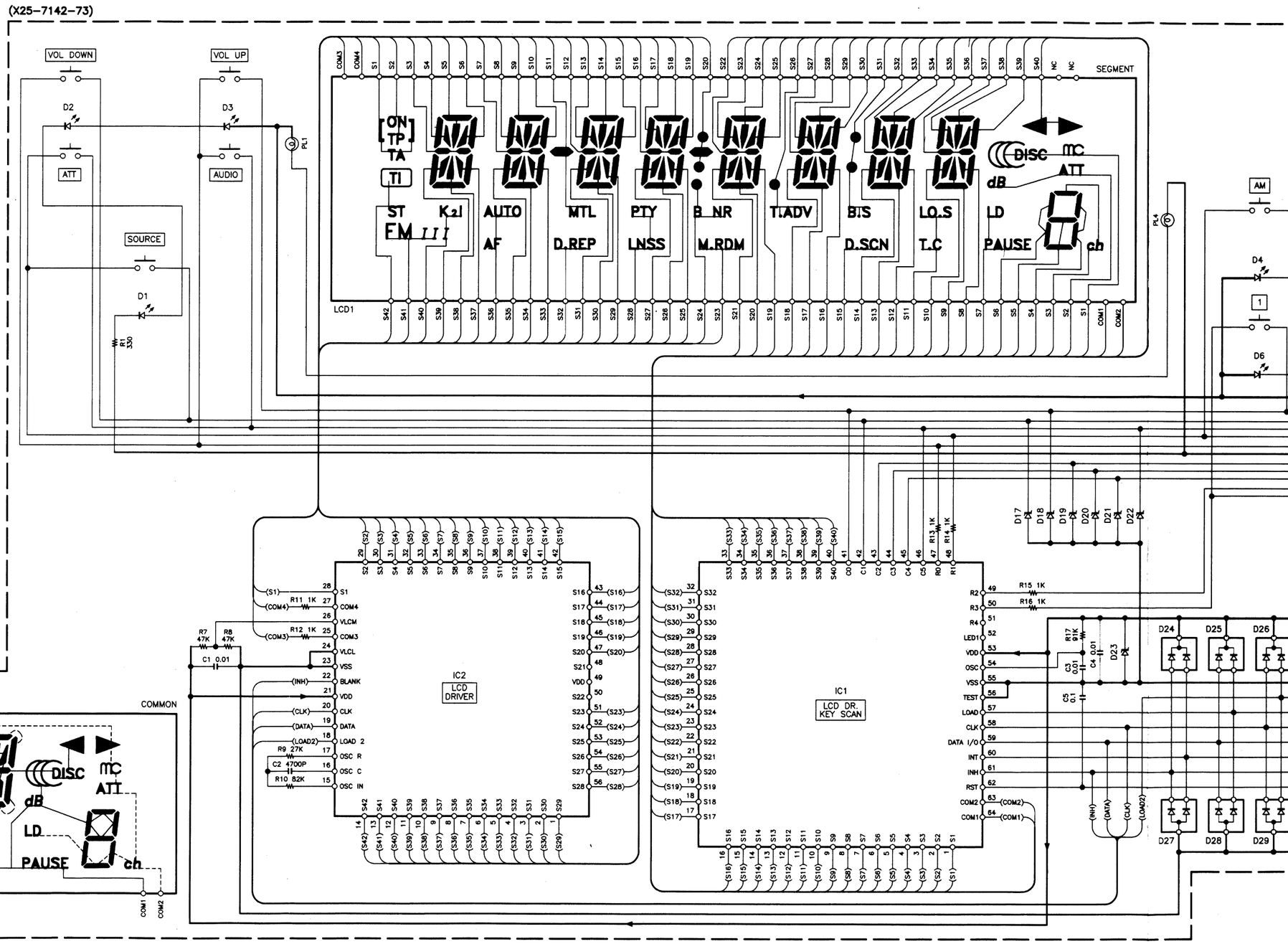
I8D123FP	D15	:UZL-11(M2)
M-10	D17	:UZ-11BS(B)
2AF	D19,21,23,25	:1SS184
AN-D4	D20,22,24,26	:1SS181
K	D31,36	:1SS355
K or DTA124EK	D32	:B30-1419-05
K		
K or DTC144EK		
K		

(X14-521X-XX)

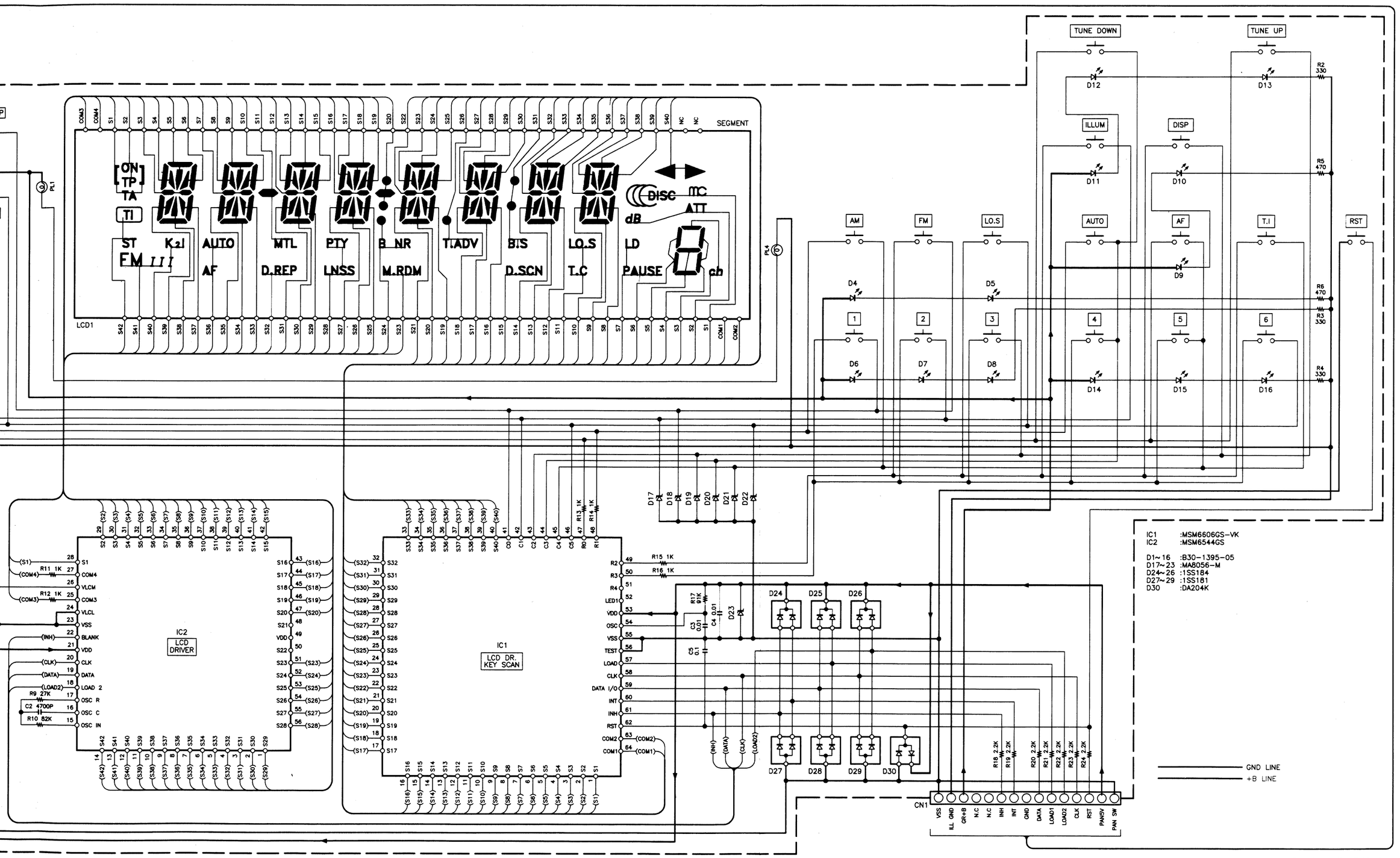
MODEL NAME	UNIT NAME	R208,248	R209
KRC-555R	2-70,2-73	NO	YES
KRC-555RL	2-71,2-72,2-74	YES	NO



(X25-7142-73)



DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.



IC1 :MSM6606GS-VK
IC2 :MSM6544GS

D1~16 :B30-1395-05
D17~23 :MA8056-M
D24~26 :1SS184
D27~29 :1SS181
D30 :DA204K

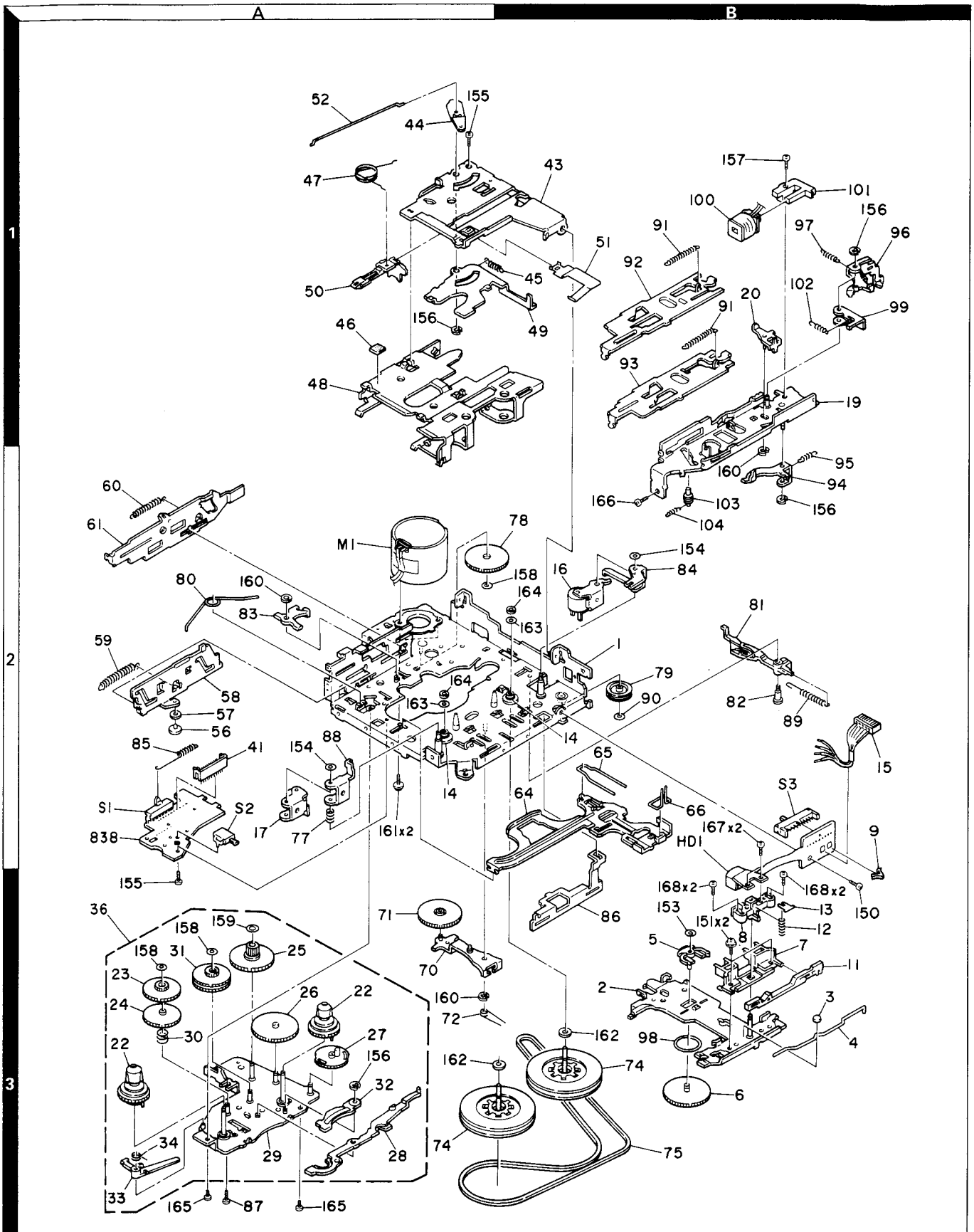
KRC-555R/RL(E)(2/2)

Y36-1902-70

KRC-555R/RL

KENWOOD

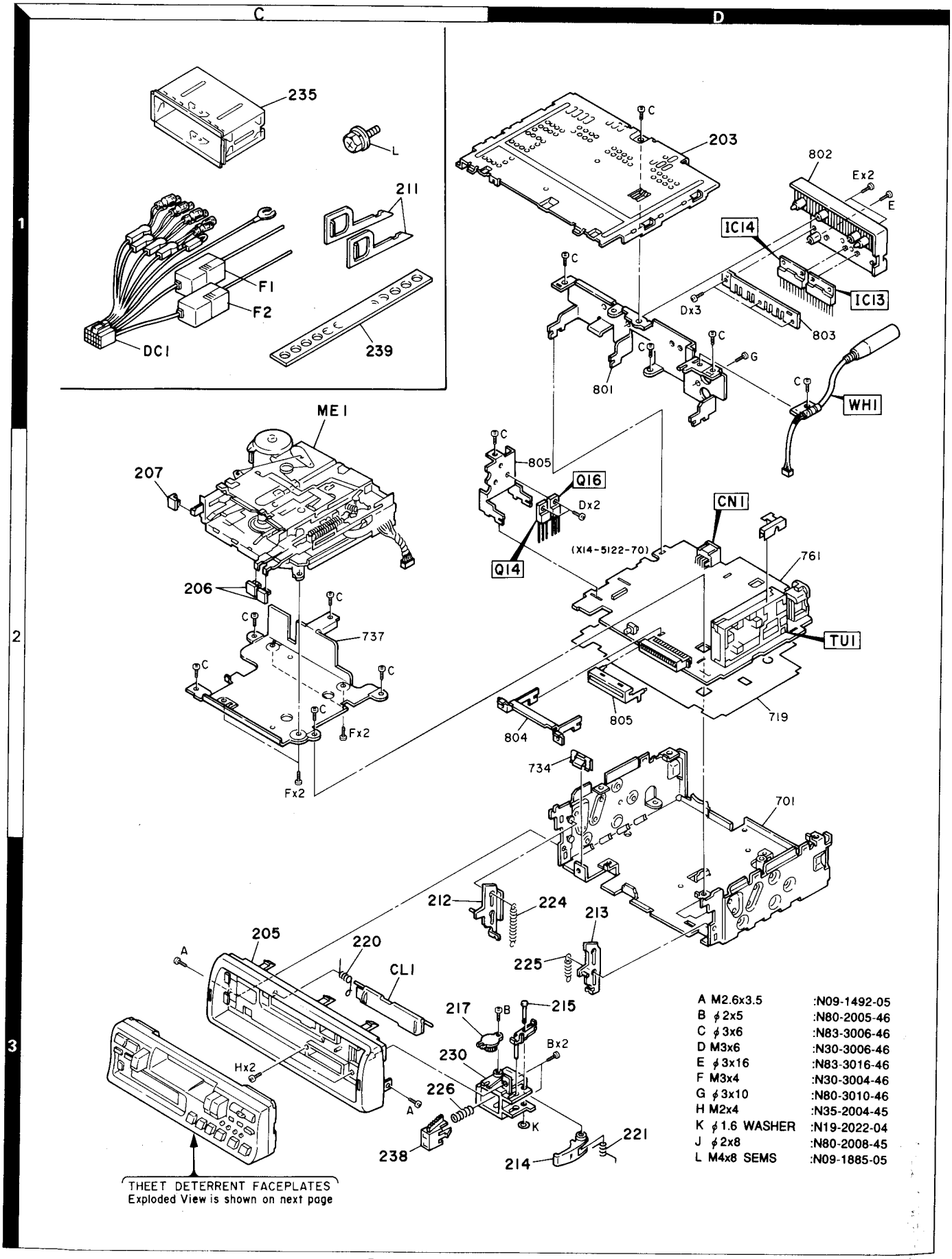
EXPLODED VIEW (MECHANISM)



D40-1054-05

KRC-555R/RL

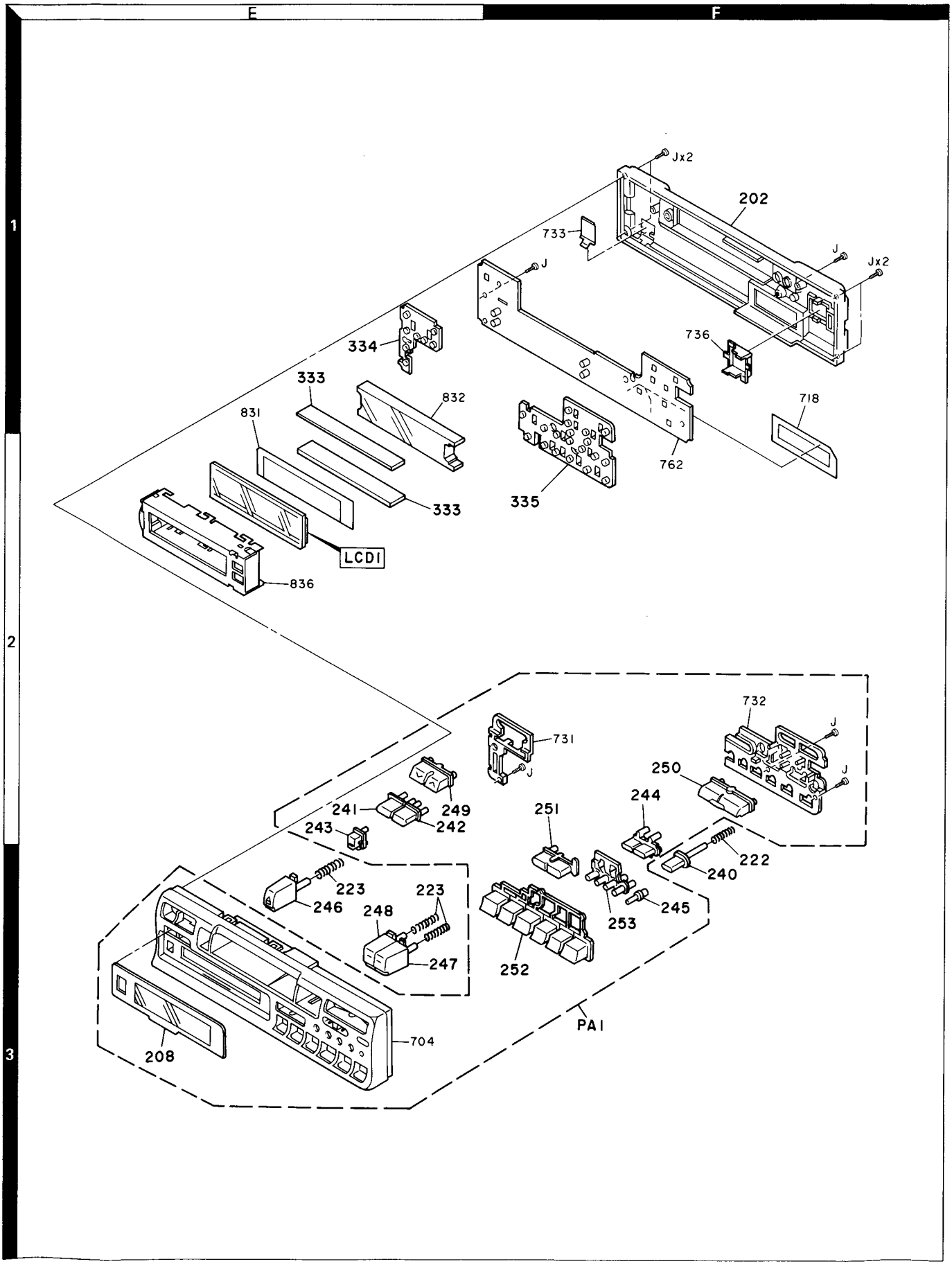
EXPLODED VIEW (UNIT)



A M2.6x3.5	:N09-1492-05
B ϕ2x5	:N80-2005-46
C ϕ3x6	:N83-3006-46
D M3x6	:N30-3006-46
E ϕ3x16	:N83-3016-46
F M3x4	:N30-3004-46
G ϕ3x10	:N80-3010-46
H M2x4	:N35-2004-45
K ϕ1.6 WASHER	:N19-2022-04
J ϕ2x8	:N80-2008-45
L M4x8 SEMS	:N09-1885-05

Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

KRC-555R/RL

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref No. 参照番号		New 新	Parts No. 部品番号	Description 部品名／規格
KRC-555R/RL				
202	1F	*	A46-1222-01	REAR COVER
203	1D	*	A52-0669-02	TOP COVER
CL1	3C	*	A53-1589-03	CASSETTE LID
PA1	3E	*	A64-0271-02	PANEL ASSY (KRC-555R)
PA1	3E	*	A64-0272-02	PANEL ASSY (KRC-555RL)
205	3C	*	B01-0876-01	PANEL ESCUTCHEON
206	2C		B09-0513-04	CAP
207	2C		B09-0519-04	CAP
208	3E	*	B10-1576-03	FRONT GLASS
-			B46-0100-30	WARRANTY CARD
-			B46-0182-14	ID CARD (KRC-555R)
-			B46-0606-04	ID CARD (KRC-555RL)
-		*	B64-0400-00	INSTRUCTION MANUAL (E,N)
-		*	B64-0401-00	INSTRUCTION MANUAL (F,D)
-		*	B64-0402-00	INSTRUCTION MANUAL (I,S)
210	3D		D10-2776-14	LEVER ASSY
211	1C		D10-2834-04	LEVER
212	3D		D10-2836-04	LEVER
213	3D	*	D10-2888-04	LEVER
214	3D	*	D10-2889-04	ARM
215	3D		D21-2127-04	SHAFT
217	3C		D39-0211-05	DAMPER
ME1	2C		D40-1054-05	CASSETTE MECHANISM ASSY
⚠ DC1	1C	*	E30-4135-05	DC CORD
F1,2	1C		F06-5024-05	FUSE (5A)
220	3C		G01-2525-04	TORSION COIL SPRING
221	3D	*	G01-2632-34	TORSION COIL SPRING
222	2F		G01-2645-04	COMPRESSION SPRING
223	3E		G01-2646-04	COMPRESSION SPRING
224	3D		G01-2654-04	EXTENSION SPRING
225	3D	*	G01-2678-04	EXTENSION SPRING
226	3C	*	G01-2694-04	COMPRESSION SPRING
-			H10-4460-02	POLYSTYRENE FOAMED FIXTURE
-			H25-0329-04	PROTECTION BAG (280X450X0.03)
-			H25-0337-04	PROTECTION BAG (180X300X0.03)
-			H25-1111-04	PROTECTION BAG (280X450X0.03)
-		*	H54-0215-04	ITEM CARTON CASE (KRC-555R)
-		*	H54-0216-04	ITEM CARTON CASE (KRC-555RL)
-		*	H64-0237-04	OUTER CARTON CASE (KRC-555R)
-		*	H64-0238-04	OUTER CARTON CASE (KRC-555RL)
230	3D		J19-4466-32	HOLDER
235	1C		J21-7473-01	MOUNTING HARDWARE (CASE)
238	3C		J52-0037-14	MAGNET CATCH
239	1C		J54-0071-04	STAY
240	3F		K24-1323-04	KNOB (RELEASE)
241	2E	*	K24-1453-04	KNOB (ATT)
242	2E	*	K24-1454-04	KNOB (AUDIO)
243	2E	*	K24-1455-04	KNOB (SOURCE)
244	2F	*	K24-1456-03	KNOB (DISP)
245	3F	*	K24-1458-04	KNOB (RESET)
246	3E	*	K24-1459-04	KNOB (EJECT)
247	3E	*	K24-1460-04	KNOB (FF)
248	3E	*	K24-1461-04	KNOB (REW)
249	2E	*	K25-0638-03	KNOB (VOL)
250	2F	*	K25-0639-03	KNOB (TUNE)
251	2F	*	K25-0640-03	KNOB (AM/FM)
252	3F	*	K25-0641-03	KNOB (PRESET 1-6)
253	3F	*	K25-0642-03	KNOB (AF·TI)
A	3C		N09-1492-05	MACHINE SCREW (2.6X3.5,ナベ)
B	3D		N80-2005-46	PAN HEAD TAPTITE SCREW
C	1D		N83-3006-46	PAN HEAD TAPTITE SCREW
F	2C		N30-3004-46	PAN HEAD MACHINE SCREW
H	3C		N35-2004-45	BINDING HEAD MACHINE SCREW
J	2F		N80-2008-45	PAN HEAD TAPTITE SCREW
K	3D		N19-2022-04	FLAT WASHER
L	1C		N09-1885-05	SEMS (MACHINE SCREW)
SYNTHESIZER UNIT (X14-5212-XX) -73 : 555R, -74 : 555RL				
D32		*	B30-1419-05	LED
PL1		*	B30-1425-05	LAMP
BA1			C90-1827-05	BACKUP 0.047F 5.5WV
C1 ,2			CE04CW1C100M	ELECTRO 10UF 16WV
C3 ,4			CE04CW1A330M	ELECTRO 33UF 10WV
C5 ,6			CC73FSL1H821J	CHIP C 820PF J
C7 ,8		*	C93-1054-05	CERAMIC 0.012UF K
C9 ,10			CE04CW1H0R1M	ELECTRO 0.1UF 50WV
C11 ,12			CK73EB1E104K	CHIP C 0.10UF K
C13			CE04CW1H010M	ELECTRO 1.0UF 50WV
C15			CE04CW1A101M	ELECTRO 100UF 10WV
C16			CE04CW1C100M	ELECTRO 10UF 16WV
C17			CE04CW1HR33M	ELECTRO 0.33UF 50WV
C18			CK73FB1H103K	CHIP C 0.010UF K
C19			CK73FB1H472K	CHIP C 4700PF K
C21 ,22			C91-2040-05	CERAMIC 0.010UF Z
C23 ,24			CE04DW1H100M	ELECTRO 10UF 50WV
C25 ,26			CE04DW1H2R2M	ELECTRO 2.2UF 50WV
C27 ,28			CK73FB1H152K	CHIP C 1500PF K
C29 -32			CK73EB1E224K	CHIP C 0.22UF K
C33 ,34			CE04CW1H2R2M	ELECTRO 2R2UF 50WV
C35 ,36			CK73FB1H152K	CHIP C 1500PF K
C37 -40			CK73EB1E224K	CHIP C 0.22UF K
C41 ,42			C90-2681-05	ELECTRO 33UF 16WV
C45 ,46			CK73FB1H102K	CHIP C 1000PF K
C47			CK73EB1H102K	CHIP C 1000PF K
C48 ,49			CE04CW1A101M	ELECTRO 100UF 10WV
C50			CK73FB1H103K	CHIP C 0.010UF K
C51 ,52			CK73FB1H472K	CHIP C 4700PF K
C53 ,54			CK73FB1E473KTA	CHIP C 0.047UF K
C55 ,56			CK73EB1E184K	CHIP C 0.18UF K
C59 ,60			CE04CW1HR22M	ELECTRO 0.22UF 50WV
C63 ,64			CE04CW1E4R7M	ELECTRO 4.7UF 25WV
C67 ,68			CE04CW1E4R7M	ELECTRO 4.7UF 25WV
C69			CK73FB1E333KTA	CHIP C 0.033UF K
C70			CE04CW1A470M	ELECTRO 47UF 10WV
C77 ,78			CC73FCH1H101J	CHIP C 100PF J

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SYNTHESIZER UNIT (X14-5212-XX)

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
C79		CE04CW1H010M	ELECTRO 1.0UF 50WV
C83 -85		CK73FB1H103K	CHIP C 0.010UF K
C101		CK73FB1H223KTA	CHIP C 0.022UF K
C102		C90-2765-05	ELECTRO 2200UF 16WV
C103		CK73FB1H223KTA	CHIP C 0.022UF K
C104		C90-2765-05	ELECTRO 2200UF 16WV
C105,106		CK73FB1H223KTA	CHIP C 0.022UF K
C109		CK73FB1E473KTA	CHIP C 0.047UF K
C110		CK73FB1H223KTA	CHIP C 0.022UF K
C111		CE04CW1C100M	ELECTRO 10UF 16WV
C113		CK73EB1H223K	CHIP C 0.022UF K
C114,115		CE04CW1C100M	ELECTRO 10UF 16WV
C116		CK73FB1H103K	CHIP C 0.010UF K
C117		CE04CW1C100M	ELECTRO 10UF 16WV
C118		C92-0009-05	CHIP TAN 4.7UF 10WV
C119		CE04CW1C100M	ELECTRO 10UF 16WV
C120		CE04CW1E4R7M	ELECTRO 4.7UF 25WV
C121		CE04CW1A101M	ELECTRO 100UF 10WV
C122,123		CK73FB1H223KTA	CHIP C 0.022UF K
C124,125		CE04CW1C100M	ELECTRO 10UF 16WV
C126		CK73EB1E104K	CHIP C 0.10UF K
C127,128		CC73FCH1H220J	CHIP C 22PF J
C129,130		CK73FB1H223KTA	CHIP C 0.022UF K
C131		CE04CW1A101M	ELECTRO 100UF 10WV
C132		CK73FB1H223KTA	CHIP C 0.022UF K
C133		CF92V1H332J	MF 3300PF J
C134		C91-2042-05	CERAMIC 0.015UF Z
C135		CK73FB1H223KTA	CHIP C 0.022UF K
C136		CE04CW1A101M	ELECTRO 100UF 10WV
C137		CK73EB1E683K	CHIP C 0.068UF K
C138	*	C90-2807-05	ELECTRO 0.47UF 35WV
C139		CK73FB1E473KTA	CHIP C 0.047UF K
C140,141		CC73FCH1H270J	CHIP C 27PF J
C142		CK73FB1H223KTA	CHIP C 0.022UF K
C143		CE04CW1C100M	ELECTRO 10UF 16WV
C144,145		CK73FB1H223KTA	CHIP C 0.022UF K
C146		CK73EB1E683K	CHIP C 0.068UF K
C147		CE04DW1A101M	ELECTRO 100UF 10WV
C148		CK73FB1H223KTA	CHIP C 0.022UF K
C149		CE04CW1H010M	ELECTRO 1.0UF 50WV
C150		CK73FB1E273KTA	CHIP C 0.027UF K
C151		CK73EB1E104K	CHIP C 0.10UF K
C152		CK73FB1H472K	CHIP C 4700PF K
C153		CK73FB1H222K	CHIP C 2200PF K
C154		CK73FB1H102K	CHIP C 1000PF K
C155		CK73FB1H122K	CHIP C 1200PF K
C156		CC73FCH1H101J	CHIP C 100PF J
C157		CK73FB1H223KTA	CHIP C 0.022UF K
C158		CK73FB1H221K	CHIP C 220PF K
C159,160		CK73FB1H561K	CHIP C 560PF K
C161		CK73FB1H103K	CHIP C 0.010UF K
C162,163		CE04CW1C100M	ELECTRO 10UF 16WV
C164		CE04CW1H2R2M	ELECTRO 2R2UF 50WV
C165		CK73FB1H331K	CHIP C 330PF K
C166		CK73FB1H103K	CHIP C 0.010UF K

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
C167		CK73FB1H561K	CHIP C 560PF K
C168		CE04CW1A330M	ELECTRO 33UF 10WV
C169		CC73FCH1H820J	CHIP C 82PF J
C170		CC73FCH1H470J	CHIP C 47PF J
C171		CK73FB1H223KTA	CHIP C 0.022UF K
C172		CE04CW1H010M	ELECTRO 1.0UF 50WV
C173		CK73FB1H681K	CHIP C 680PF K
C174		CK73EB1E224K	CHIP C 0.22UF K
C175		CE04CW1H010M	ELECTRO 1.0UF 50WV
C176		CE04CW1E4R7M	ELECTRO 4.7UF 25WV
C177		CE04CW1HR47M	ELECTRO 0.47UF 50WV
C178		CC73FSL1H102J	CHIP C 1000PF J
C179		CK73FB1H681K	CHIP C 680PF K
C180		CE04CW1C100M	ELECTRO 10UF 16WV
C181		CC73FCH1H120J	CHIP C 12PF J
C182		CK73FB1H223KTA	CHIP C 0.022UF K
C183		CE04CW1H010M	ELECTRO 1.0UF 50WV
C184		CK73FB1H102K	CHIP C 1000PF K
C185,186		CK73FB1H223KTA	CHIP C 0.022UF K
C187		CE04CW1H010M	ELECTRO 1.0UF 50WV
C188		CE04CW1A101M	ELECTRO 100UF 10WV
C189		CE04CW1A220M	ELECTRO 22UF 10WV
C190		CK73FB1H223KTA	CHIP C 0.022UF K
C191,192		CK73FB1H272K	CHIP C 2700PF K
C193		CK73FB1H102K	CHIP C 1000PF K
C194		CK73FB1H152K	CHIP C 1500PF K
C195,196		CK73FB1H153KTA	CHIP C 0.015UF K
C197		CK73FB1H332K	CHIP C 3300PF K
C198		CK73FB1H122K	CHIP C 1200PF K
C199		CK73FB1H682K	CHIP C 6800PF K
C200		CE04CW1H010M	ELECTRO 1.0UF 50WV
C201		CE04CW1A330M	ELECTRO 33UF 10WV
C202		CK73FB1H222K	CHIP C 2200PF K
C204		CK73FB1H103K	CHIP C 0.010UF K
C205		C93-1026-05	CERAMIC 0.33UF 16WV
C207		CK73FB1H103K	CHIP C 0.010UF K
C208		CE04CW1H010M	ELECTRO 1.0UF 50WV
C209		CK73FB1H103K	CHIP C 0.010UF K
CN1		E58-0825-05	RECTANGULAR RECEPTACLE
CN3		E40-3240-05	PIN ASSY
CN4	*	E58-0827-05	RECTANGULAR RECEPTACLE
J1		E13-0235-05	PHONO JACK
TP1		E40-9184-05	PIN ASSY
TP2		E40-3640-05	PIN ASSY
WH1		E30-4126-05	CORD WITH PLUG (ANT)
WH2	*	E39-0054-05	WIRING HARNESS
CF1 ,2		L72-0716-05	CERAMIC FILTER
L1		L40-1011-17	SMALL FIXED INDUCTOR
L2 ,3		L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)
L4		L40-1011-17	SMALL FIXED INDUCTOR
L5 -7		L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)
L8		L30-0719-05	FM IFT
L9 ,10		L40-1011-17	SMALL FIXED INDUCTOR
X1		L77-2003-05	CRYSTAL RESONATOR(8.388608MHZ)

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KRC-555R/RL

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Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
X2		L77-1166-05	CRYSTAL RESONATOR
X3		L77-2002-05	CRYSTAL RESONATOR(4.3320MHZ)
X4		L78-0525-05	RESONATOR
C 1D		N83-3006-46	PAN HEAD TAPTITE SCREW
D 2D		N30-3006-46	PAN HEAD MACHINE SCREW
E 1D		N83-3016-46	PAN HEAD TAPTITE SCREW
G 1D		N80-3010-46	PAN HEAD TAPTITE SCREW
R1 ,2		RK73FB2A151J	CHIP R 150 J 1/10W
R3 ,4		RK73FB2A753J	CHIP R 75K J 1/10W
R5 ,6		RK73FB2A334J	CHIP R 330K J 1/10W
R7 ,8		RK73FB2A123J	CHIP R 12K J 1/10W
R9 ,10		RK73FB2A153J	CHIP R 15K J 1/10W
R11		RK73FB2A183J	CHIP R 18K J 1/10W
R14		RK73FB2A134J	CHIP R 130K J 1/10W
R15		RK73FB2A203J	CHIP R 20K J 1/10W
R16		RK73FB2A333J	CHIP R 33K J 1/10W
R19 ,20		RK73FB2A272J	CHIP R 2.7K J 1/10W
R21 ,22		RK73FB2A472J	CHIP R 4.7K J 1/10W
R25 ,26		RK73FB2A153J	CHIP R 15K J 1/10W
R27 ,28		RK73FB2A302J	CHIP R 3.0K J 1/10W
R29 -32		RK73EB2B2R2J	CHIP R 2.2 J 1/8W
R33 ,34		RK73FB2A153J	CHIP R 15K J 1/10W
R35 ,36		RK73FB2A302J	CHIP R 3.0K J 1/10W
R37 -40		RK73EB2B2R2J	CHIP R 2.2 J 1/8W
R41 ,42		RK73FB2A222J	CHIP R 2.2K J 1/10W
R46		RK73FB2A473J	CHIP R 47K J 1/10W
R49 ,50		RK73FB2A332J	CHIP R 3.3K J 1/10W
R51 ,52		RK73FB2A473J	CHIP R 47K J 1/10W
R61 ,62		RK73FB2A102J	CHIP R 1.0K J 1/10W
R99		RK73FB2A223J	CHIP R 22K J 1/10W
R100		RK73FB2A912J	CHIP R 9.1K J 1/10W
R101		RK73FB2A472J	CHIP R 4.7K J 1/10W
R103		RK73FB2A223J	CHIP R 22K J 1/10W
R104		RK73FB2A103J	CHIP R 10K J 1/10W
R105		RK73FB2A104J	CHIP R 100K J 1/10W
R107		RK73FB2A223J	CHIP R 22K J 1/10W
R108		RK73FB2A103J	CHIP R 10K J 1/10W
R111		RK73EB2B104J	CHIP R 100K J 1/8W
R114		RK73EB2B104J	CHIP R 100K J 1/8W
R118		RK73EB2B104J	CHIP R 100K J 1/8W
R121,122		RK73FB2A103J	CHIP R 10K J 1/10W
R123		RD14DB2H561J	SMALL-RD 560 J 1/2W
R124		RD14DB2H102J	SMALL-RD 1.0K J 1/2W
R125,126		RK73FB2A473J	CHIP R 47K J 1/10W
R127		RK73FB2A223J	CHIP R 22K J 1/10W
R128		RK73FB2A473J	CHIP R 47K J 1/10W
R134		RK73FB2A102J	CHIP R 1.0K J 1/10W
R135		RK73FB2A222J	CHIP R 2.2K J 1/10W
R137		RK73FB2A104J	CHIP R 100K J 1/10W
R139		RK73FB2A104J	CHIP R 100K J 1/10W
R141		RK73FB2A222J	CHIP R 2.2K J 1/10W
R143		RK73FB2A222J	CHIP R 2.2K J 1/10W
R145		RK73FB2A222J	CHIP R 2.2K J 1/10W
R152		R92-2104-05	CHIP R 2.2 J 1W

SYNTHESIZER UNIT (X14-5212-XX

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
R153		RK73FB2A222J	CHIP R 2.2K J 1/10W
R154,155		RK73FB2A103J	CHIP R 10K J 1/10W
R156		RK73EB2B331J	CHIP R 330 J 1/8W
R157,158		RK73FB2A104J	CHIP R 100K J 1/10W
R159,160		RK73FB2A473J	CHIP R 47K J 1/10W
R162		RK73FB2A223J	CHIP R 22K J 1/10W
R163		RK73FB2A473J	CHIP R 47K J 1/10W
R165		RK73FB2A103J	CHIP R 10K J 1/10W
R166		RK73FB2A223J	CHIP R 22K J 1/10W
R167		RK73FB2A102J	CHIP R 1.0K J 1/10W
R168-170		RK73FB2A472J	CHIP R 4.7K J 1/10W
R171,172		RK73FB2A102J	CHIP R 1.0K J 1/10W
R174		RK73FB2A472J	CHIP R 4.7K J 1/10W
R175-177		RK73FB2A101J	CHIP R 100 J 1/10W
R178		RK73FB2A102J	CHIP R 1.0K J 1/10W
R179		RK73FB2A472J	CHIP R 4.7K J 1/10W
R180		RK73FB2A124J	CHIP R 120K J 1/10W
R181-183		RK73FB2A472J	CHIP R 4.7K J 1/10W
R184,185		RK73FB2A102J	CHIP R 1.0K J 1/10W
R186,187		RK73FB2A101J	CHIP R 100 J 1/10W
R189		RK73FB2A101J	CHIP R 100 J 1/10W
R191		RK73FB2A102J	CHIP R 1.0K J 1/10W
R192		RK73FB2A472J	CHIP R 4.7K J 1/10W
R193-195		RK73FB2A102J	CHIP R 1.0K J 1/10W
R196		RK73FB2A472J	CHIP R 4.7K J 1/10W
R197		RK73EB2B102J	CHIP R 1.0K J 1/8W
R198		RK73FB2A472J	CHIP R 4.7K J 1/10W
R199		RK73EB2B102J	CHIP R 1.0K J 1/8W
R200		RK73FB2A472J	CHIP R 4.7K J 1/10W
R201-204		RK73FB2A102J	CHIP R 1.0K J 1/10W
R205		RK73FB2A472J	CHIP R 4.7K J 1/10W
R206		RK73FB2A104J	CHIP R 100K J 1/10W
R208		RK73FB2A104J	CHIP R 100K J 1/10W
R209		RK73FB2A104J	CHIP R 100K J 1/10W
R210,211		RK73FB2A102J	CHIP R 1.0K J 1/10W
R212		RK73FB2A104J	CHIP R 100K J 1/10W
R213-215		RK73FB2A222J	CHIP R 2.2K J 1/10W
R216-218		RK73FB2A223J	CHIP R 22K J 1/10W
R221		RK73FB2A101J	CHIP R 100 J 1/10W
R222		RK73EB2B221J	CHIP R 220 J 1/8W
R225		RK73FB2A101J	CHIP R 100 J 1/10W
R226,227		RK73FB2A222J	CHIP R 2.2K J 1/10W
R229		RK73FB2A153J	CHIP R 15K J 1/10W
R230		RK73FB2A822J	CHIP R 8.2K J 1/10W
R231		RK73FB2A751J	CHIP R 750 J 1/10W
R232		RK73FB2A113J	CHIP R 11K J 1/10W
R233		RK73FB2A101J	CHIP R 100 J 1/10W
R234		RK73FB2A223J	CHIP R 22K J 1/10W
R235		RK73FB2A470J	CHIP R 47 J 1/10W
R236		RK73FB2A102J	CHIP R 1.0K J 1/10W
R237		RK73FB2A562J	CHIP R 5.6K J 1/10W
R238		RK73FB2A822J	CHIP R 8.2K J 1/10W
R239		RK73FB2A221J	CHIP R 220 J 1/10W
R240		RK73FB2A102J	CHIP R 1.0K J 1/10W
R241		RK73FB2A473J	CHIP R 47K J 1/10W

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SYNTHESIZER UNIT (X14-5212-XX)

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
R242		RK73EB2B331J	CHIP R 330 J 1/8W
R246		RK73EB2B101J	CHIP R 100 J 1/8W
R248		RK73FB2A101J	CHIP R 100 J 1/10W
R249		RK73EB2B4R7J	CHIP R 4.7 J 1/8W
R250		RK73FB2A471J	CHIP R 470 J 1/10W
R251		RK73FB2A241J	CHIP R 240 J 1/10W
R252		RK73FB2A101J	CHIP R 100 J 1/10W
R254		RK73FB2A122J	CHIP R 1.2K J 1/10W
R255		RK73FB2A331J	CHIP R 330 J 1/10W
R256		RK73FB2A752J	CHIP R 7.5K J 1/10W
R257		RK73FB2A622J	CHIP R 6.2K J 1/10W
R258		RK73FB2A473J	CHIP R 47K J 1/10W
R259		RK73FB2A363J	CHIP R 36K J 1/10W
R260		RK73FB2A822J	CHIP R 8.2K J 1/10W
R261		RK73FB2A562J	CHIP R 5.6K J 1/10W
R262		RK73FB2A104J	CHIP R 100K J 1/10W
R263		RK73FB2A103J	CHIP R 10K J 1/10W
R264		RK73FB2A752J	CHIP R 7.5K J 1/10W
R265		RK73FB2A103J	CHIP R 10K J 1/10W
R266,267		RK73FB2A104J	CHIP R 100K J 1/10W
R268		RK73FB2A752J	CHIP R 7.5K J 1/10W
R269		RK73FB2A332J	CHIP R 3.3K J 1/10W
R270,271		RK73FB2A103J	CHIP R 10K J 1/10W
R272		RK73FB2A101J	CHIP R 100 J 1/10W
R273		RK73FB2A100J	CHIP R 10 J 1/10W
R276		RK73FB2A222J	CHIP R 2.2K J 1/10W
R277		RK73FB2A102J	CHIP R 1.0K J 1/10W
R301		RK73FB2A332J	CHIP R 3.3K J 1/10W
R302		RK73FB2A472J	CHIP R 4.7K J 1/10W
R303		RK73FB2A562J	CHIP R 5.6K J 1/10W
R304		RK73FB2A473J	CHIP R 47K J 1/10W
R305		RK73FB2A393J	CHIP R 39K J 1/10W
R306		RK73FB2A362J	CHIP R 3.6K J 1/10W
R307		RK73FB2A331J	CHIP R 330 J 1/10W
R308		RK73FB2A223J	CHIP R 22K J 1/10W
R309		RK73FB2A512J	CHIP R 5.1K J 1/10W
R311		RK73FB2A103J	CHIP R 10K J 1/10W
R312		RK73FB2A473J	CHIP R 47K J 1/10W
R313		RK73FB2A752J	CHIP R 7.5K J 1/10W
R314		RK73FB2A153J	CHIP R 15K J 1/10W
R315,316		RK73FB2A102J	CHIP R 1.0K J 1/10W
R317		RK73FB2A683J	CHIP R 68K J 1/10W
R318		RK73FB2A682J	CHIP R 6.8K J 1/10W
R319		RK73FB2A752J	CHIP R 7.5K J 1/10W
R320		RK73FB2A513J	CHIP R 51K J 1/10W
R321		RK73FB2A472J	CHIP R 4.7K J 1/10W
R322		RK73FB2A512J	CHIP R 5.1K J 1/10W
R323		RK73FB2A222J	CHIP R 2.2K J 1/10W
R324		RK73FB2A822J	CHIP R 8.2K J 1/10W
R325		RK73FB2A223J	CHIP R 22K J 1/10W
R326		RK73FB2A103J	CHIP R 10K J 1/10W
VR1 ,2		R12-0678-05	TRIMMING POT.(10K ﾌﾞ)
VR3		R12-0679-05	TRIMMING POT.(22K ﾌﾞ)
VR4 ,5		R12-0680-05	TRIMMING POT.(47K ﾌﾞ)
VR6		R12-0678-05	TRIMMING POT.(10K ﾌﾞ)

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
W1 ,2		R92-2052-05	CHIP R 0 J 1/10W
D1 -3		AM01Z	DIODE
D1 -3		ERA15-01	DIODE
D4	*	UZL-6(L3)	ZENER DIODE
D5 ,6	*	UZL-7(L3)	ZENER DIODE
D13 ,14		AM01Z	DIODE
D13 ,14		ERA15-01	DIODE
D15	*	UZL-11(M2)	ZENER DIODE
D17	*	UZ-11BS(B)	ZENER DIODE
D19		1SS184	DIODE
D20		1SS181	DIODE
D21		1SS184	DIODE
D22		1SS181	DIODE
D23		1SS184	DIODE
D24		1SS181	DIODE
D25		1SS184	DIODE
D26		1SS181	DIODE
D27 ,28		1SS355	DIODE
D29 ,42		1SS184	DIODE
D31		1SS355	DIODE
D33		DA204K	DIODE
D34		1SS355	DIODE
D35		1SS133	DIODE
D36 ,37		1SS355	DIODE
D38		1SS133	DIODE
D43		AM01Z	DIODE
IC1	*	M38067M8D123FP	MI-COM IC
IC2		LC3564QM-10	IC
IC3	*	BU2090F	MOS-IC
IC4		TC74HC02AF	IC
IC5		S-80740AN-D4	IC
IC6		SAA6579T	IC
IC7		NJM4565M	IC(OP AMP X2)
IC8		LA1862M	IC
IC9		LM7001M	ANALOG IC
IC10		TC4W66F	IC
IC11	*	HA12163FP	ANALOG IC
IC12		TEA6320T	ANALOG IC
IC13,14		AN7190K	ANALOG IC
IC15		BA3913-V4	ANALOG IC
Q3 ,4		2SC2412K	TRANSISTOR
Q5 ,6		2SA1428	TRANSISTOR
Q7		2SA1036K	TRANSISTOR
Q10		2SC2412K	TRANSISTOR
Q11		DTA144EK	DIGITAL TRANSISTOR
Q12		DTA124EK	DIGITAL TRANSISTOR
Q12		XDA124EK	TRANSISTOR
Q13		2SC2412K	TRANSISTOR
Q14		2SB1565	TRANSISTOR
Q15		DTC144EK	DIGITAL TRANSISTOR
Q15		XDC144EK	TRANSISTOR
Q16	*	2SD2396	TRANSISTOR
Q17		DTB123YK	DIGITAL TRANSISTOR
Q18 -20		DTC144EK	DIGITAL TRANSISTOR

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KRC-555R/RL

PARTS LIST

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Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
Q18 -20		XDC144EK	TRANSISTOR
Q23 ,24		DTC144EK	DIGITAL TRANSISTOR
Q23 ,24		XDC144EK	TRANSISTOR
Q25		2SK536	FET
Q26		DTC144EK	DIGITAL TRANSISTOR
Q26		XDC144EK	TRANSISTOR
Q27		2SA1037K	TRANSISTOR
Q28		2SK536	FET
Q29		2SC2413K	TRANSISTOR
Q30		DTC144EK	DIGITAL TRANSISTOR
Q30		XDC144EK	TRANSISTOR
Q31 ,32		DTA144EK	DIGITAL TRANSISTOR
Q32		DTA144EK	DIGITAL TRANSISTOR
Q33		DTC114TK	DIGITAL TRANSISTOR
Q34		2SC2412K	TRANSISTOR
Q35		DTA144EK	DIGITAL TRANSISTOR
Q36		DTC114TK	DIGITAL TRANSISTOR
Q37		DTC144EK	DIGITAL TRANSISTOR
Q37		XDC144EK	TRANSISTOR
Q38		2SC2412K	TRANSISTOR
Q39 ,40		DTA144EK	DIGITAL TRANSISTOR
Q41		2SC2412K	TRANSISTOR
Q42		DTA144EK	DIGITAL TRANSISTOR
Q43		DTC144EK	DIGITAL TRANSISTOR
Q43		XDC144EK	TRANSISTOR
Q44		2SC2412K	TRANSISTOR
Q45		DTC114TK	DIGITAL TRANSISTOR
Q46		DTC144EK	DIGITAL TRANSISTOR
Q46		XDC144EK	TRANSISTOR
Q47		DTA144EK	DIGITAL TRANSISTOR
TU1 2D	*	W02-1433-05	FM/AM FRONT-END (KRC-555R)
TU1 2D	*	W02-1434-05	FM/AM FRONT-END (KRC-555RL)

SWITCH UNIT (X25-7142-75)

D1 -16		B30-1395-05	LED
LCD1 2E	*	B38-0607-05	LIQUID CRYSTAL
PL1		B30-1306-05	LAMP (5.5V .125A)
PL4		B30-1306-05	LAMP (5.5V .125A)
C1		CK73FB1H103K	CHIP C 0.010UF K
C2		CK73FB1H472K	CHIP C 4700PF K
C3 ,4		CK73FB1H103K	CHIP C 0.010UF K
C5		CK73EB1E104K	CHIP C 0.10UF K
333 2E	*	E29-1432-04	CONDUCTIVE RUBBER
334 1E	*	E29-1433-03	CONDUCTIVE RUBBER
335 1E	*	E29-1434-03	CONDUCTIVE RUBBER
CN1	*	E59-0813-05	RECTANGULAR PLUG
R1 -4		RK73EB2B331J	CHIP R 330 J 1/8W
R5 ,6		RK73EB2B471J	CHIP R 470 J 1/8W
R7 ,8		RK73FB2A473J	CHIP R 47K J 1/10W
R9		RK73FB2A273J	CHIP R 27K J 1/10W
R10		RK73FB2A823J	CHIP R 82K J 1/10W
R11 -16		RK73FB2A102J	CHIP R 1.0K J 1/10W
R17		RK73FB2A913J	CHIP R 91K J 1/10W
R18 -24		RK73FB2A222J	CHIP R 2.2K J 1/10W

SYNTHESIZER UNIT (X14-5212-XX)

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
D17 -23		MA8056-M	ZENER DIODE
D24 -26		1SS184	DIODE
D27 -29		1SS181	DIODE
D30		DA204K	DIODE
IC1		MSM6606GS-VK	IC
IC2		MSM6544GS	ANALOG IC

CASSETTE MECHANISM ASS'Y (D40-1054-05)

1	2A	A10-2345-08	CHASSIS ASSY
2	3B	J21-7524-08	MOUNTING HARDWARE (P.B. HEAD)
3	3B	D14-0630-08	SPRING ROLLER
4	3B	G01-2613-08	TORSION SPRING (PINCH ROLLER)
5	3B	D10-2907-08	SLIDER
6	3B	D13-1102-08	GEAR
7	3B	J90-0741-08	TAPE GUIDE
8	2B	J19-4554-08	HEAD HOLDER
9	2B	J11-0604-08	CLAMPER
11	3B	D10-2908-08	SHIFT PLATE
12	3B	G01-2695-08	H.G SPRING
13	3B	J90-0742-08	WASHER
15	2B	E39-0059-08	WIRING HARNESS
16	2B	D10-2752-08	PINCH ROLLER ASSY (F)
17	2A	D10-2753-08	PINCH ROLLER ASSY (R)
19	2B	J21-7528-08	MOUNTING HARDWARE
20	1B	D10-2909-08	SLIDER
22	3A	D03-0308-08	REEL DISK
23	3A	D13-1103-08	GEAR
24	3A	D13-1104-08	GEAR
25	3A	D13-1105-08	GEAR
26	3A	D13-1106-08	GEAR
27	3A	D13-1107-08	GEAR (REV)
28	3A	D10-2755-08	ARM
29	3A	A11-0889-08	SUB CHASSIS ASSY
30	3A	G01-2618-08	COMPRESSION SPRING
31	3A	D13-1111-08	GEAR
32	3A	D10-2756-08	ARM
33	3A	D10-2757-08	ARM
34	3A	G01-2614-08	TORSION SPRING
36	3A	D03-0307-08	REEL DISK ASSY
41	2A	E60-0801-08	CONNECTOR
43	1B	D10-2758-08	ARM
44	1A	D10-1346-08	SLIDER
45	1B	G01-1574-08	TENSION SPRING
46	1A	G11-1550-08	CUSHION
47	1A	G01-2696-08	TORSION SPRING
48	1A	J19-4451-08	HOLDER
49	1A	D10-2759-08	ARM
50	1A	D10-2768-08	SLIDER
51	1B	G02-1153-08	FLAT SPRING
52	1A	G09-0051-08	SPRING
56	2A	D14-0631-08	ROLLER
57	2A	D14-0632-08	ROLLER
58	2A	D10-2747-08	LEVER
59	2A	G01-2620-08	TENSION SPRING
60	2A	G01-2621-08	TENSION SPRING

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61 2A	*	D10-2912-08	LEVER
64 2B		D10-2769-08	SLIDER
65 2B		G09-2006-08	SPRING
66 2B		G09-2007-08	SPRING
70 3A		D10-2754-08	ARM
71 2A		D13-1109-08	GEAR
72 3A		G01-2616-08	TORSION SPRING
74 3B		D01-0605-08	FLYWHEEL ASSY
75 3B		D16-0606-08	BELT
77 2A		G01-2619-08	COMPRESSION SPRING
78 2B		D13-1110-08	GEAR
79 2B		D15-0909-08	PULLEY
80 2A		G01-2617-08	TORSION SPRING
81 2B		D10-2760-08	ARM
82 2B		N09-4055-08	SCREW
83 2A		D10-2761-08	ARM
84 2B		D10-2762-08	ARM
85 1A		G01-2622-08	TENSION SPRING
86 3B		D10-2749-08	LEVER
87 3A		N09-4056-08	SCREW
88 2A		D10-2763-08	ARM
89 2B		G01-2623-08	TENSION SPRING
90 2B		N19-2038-08	FLAT WASHER
91 1B		G01-2697-08	TENSION SPRING
92 1B	*	D10-2913-08	LEVER
93 1B	*	D10-2914-08	LEVER
94 2B		D10-2764-08	ARM
95 2B		G01-2625-08	TENSION SPRING
96 1B		D10-2765-08	ARM
97 1B		G01-2626-08	TENSION SPRING
98 3B		N19-2035-08	FLAT WASHER
99 1B		D10-2766-08	ARM
100 1B		T94-0406-08	SOLENOID COIL
101 1B		T94-0407-08	SOLENOID
102 1B		G01-2698-08	TENSION SPRING
103 2B		D19-0604-08	PIN
104 2B		G01-2627-08	TENSION SPRING
150 2B		N09-4009-05	SCREW
151 3B		N09-4009-05	SCREW
153 3B		N19-2036-08	FLAT WASHER
154 2A		N19-2037-08	FLAT WASHER
155 1A		N84-2003-45	SCREW
156 1A		N24-3015-60	E TYPE RETAINING RING
157 1B		N09-4059-08	SCREW
158 2B		N19-2043-08	FLAT WASHER
159 2A		N19-2039-08	FLAT WASHER
160 2B		N24-3020-60	E TYPE RETAINING RING
161 2A		N09-4058-08	SCREW
162 3B		N19-2050-08	FLAT WASHER
163 2A		N19-2041-08	FLAT WASHER
164 2A		N19-2042-08	FLAT WASHER
165 3A		N09-4092-08	SCREW
166 2B		N09-4060-08	SCREW
167 3B		N09-4109-08	SCREW
168 3B		N09-4110-08	SCREW

CASSETTE MECHANISM ASS'Y (D40-1054-05)

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
HD1 2B		T31-0214-08	PLAYBACK HEAD
M1 2A		T42-0734-08	MOTOR ASSY
S1 2A		S62-0813-08	SLIDE SWITCH
S2 2A		S68-0803-08	PUSH SWITCH
S3 2B		S62-0812-08	SLIDE SWITCH

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KRC-555R/RL

SPECIFICATIONS

FM tuner section

Frequency range ..... 87.5MHz~108.0MHz
Usable sensitivity (DIN) 0.9μV/75Ω
Stereo sensitivity (S/N=46dB) 1.6μV/75Ω
Frequency response (±3dB) ..... 30Hz~15kHz
Signal to Noise ratio 68dB
Selectivity (DIN) 70dB
Stereo separation (1kHz) 35dB
19kHz carrier leakage 65dB

MW tuner section

Frequency range ..... 531kHz~1611kHz
Usable sensitivity 30μV

LW tuner section (KRC-555RL only)

Frequency range ..... 153kHz~281kHz
Usable sensitivity 60μV

Cassette deck section

Tape speed ..... 4.76cm/sec.
Wow & Flutter (WRMS) 0.12%
Fast winding time (C-60) ..... 100sec.
Frequency response (+4dB, –6dB)
..... 30Hz~16kHz (120μs)
..... 30Hz~18kHz (70μs)
Stereo separation (1kHz) 40dB
Signal to Noise ratio
Dolby B NR OFF 54dB
Dolby B NR ON 63dB

Audio section

Maximum output power ..... 25W x 4
Output power
10% THD, 1kHz, 4Ω ..... 20W x 4
1% THD, 1kHz, 4Ω ..... 15W x 4
Tone action
Bass ..... 100Hz±10dB
Treble ..... 10kHz±10dB
Preout level/Impedance ..... 1500mV (Max.)/180Ω

General

Operating voltage ..... 14.4V (11~16V allowable)
Current consumption ..... 7.5A at Rated power
Dimensions (W x H x D) ..... 188 x 58 x 176 mm
Installation size (W x H x D) ..... 182 x 53 x 154 mm
Weight 1.8kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice. DOLBY and the double-D symbol are tradmarks of Dolby Laboratories Licensing Corporation.Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

Note :
Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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